WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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United Kingdom.

During the week ending Saturday the 6th instant, 5262 *births* and 4006 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality last week in these towns was at the rate of 28 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes last week was 31 per 1000 persons living, in Glasgow 32 per 1000, and in Dublin 35 ; small-pox showed increasing fatality in Dublin, resulting in 36 deaths, against 26 and 25 in the two preceding weeks.

Eighteen large English Towns.

The Weekly Returns for 1872 will include the vital statistics for Oldham, as well as for the seventeen other large English towns, including London, for which similar information has been published in recent years. The population of these eighteen towns estimated to the middle of 1872 is 6,389,498 persons, showing an increase of 98,734 upon the estimate for the middle of 1871, based upon the numbers enumerated in April last. The excess of births over deaths during 1871 in these eighteen towns was only 61,268, the balance of increase therefore, 37,466, may be taken approximately to represent the year's aggregation to these great town centres, or the excess of immigration over emigration. No account in this estimate is taken of a probable small per centage of births that escape registration.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 26 per 1000; Portsmouth 22, Norwich 46, Bristol 28, Wolverhampton 59, Birmingham 25, Leicester 33, Nottingham 35, Liverpool 31, Manchester 31, Salford 24, Oldham 34, Bradford 24, Leeds 25, Sheffield 33, Hull 24, Sunderland 36, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 284 aad 288, were last week 283 ; of these, 91 occurred in London, 42 in Sheffield, 37 in Norwich, 31 in Wolverhampton, 21 in Nottingham, 14 in Leeds, 11 in Newcastle-upon-Tyne, 6 in Hull, 5 each in Sunderland and Birmingham, 4 each in Salford and Bristol, 3 in Manchester, 2 in Leicester, and one in Bradford. The numbers showed a considerable increase in Norwich and Leeds, while they had declined in most of the other towns. The annual death-rate from this disease was equal to 24 per 1000 in Norwich, 23 in Wolverhampton, 12 in Nottingham, 9 in Sheffield, 4 in Newcastle, 3 each in Leeds, Sunderland, and Hull, 2 each in Portsmouth and Salford, and to one per 1000 in London, Bristol, and Leicester.

London.

In London 2452 births and 1619 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 24, while the deaths were 139 below, the average numbers in the corresponding week of the last ten years. The annual death-rate, which in the three previous weeks had been 34, 31, and 27, further declined last week to 26. The rate was equal to 19 in the West, 27 in the North, 28 in the Central and East, and 25 in the South Districts.

The 1619 deaths included 91 from small-pox, 67 from measles, 24 from scarlet fever, 3 from diphtheria, 92 from whooping-cough, 40 from different forms of fever (of which 2 were certified as typhus, 26 as enteric or typhoid, and 12 as simple continued fever), and 7 from diarrhœa ; thus to the seven principal diseases of the zymotic class 324 deaths were referred, against 403 and 341 in the two preceding weeks. The fatal cases of whooping-cough were somewhat more numerous than in the previous week, while those from the other zymotic diseases had declined. Measles showed a fatal prevalence in Islington ; whooping-cough in Islington and Shoreditch ; and enteric fever in Walworth.

The deaths from small-pox, which in the two previous weeks had been 90 and 97, were 91 last week, of which 27 were recorded in the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, against 35 and 41 in the two preceding weeks. Five fatal cases each were returned in Bow and St. George (Camberwell), four each in Kentish Town and Woolwich Arsenal, and three each in St. James (Clerkenwell), Walworth, and Battersea sub-districts.

The mean temperature at Greenwich averaged 41°·5 last week, and was 4°·8 above the average, showing a considerable excess on most of the days, especially on Thursday and Friday. The deaths referred to diseases of the respiratory organs, including phthisis, showed a further decline upon the numbers in recent weeks.

To different forms of violence 49 deaths were referred; of these, 43 were the result of accident or negligence, including 18 from fractures and contusions, 4 from burns and scalds, 2 from drowning, one from poison, and 17 from suffocation, of which 16 were of infants. Of the deaths from fractures and contusions 4, of adults, were caused by horses or vehicles in the streets. A farrier, aged 23 years, died in King's College Hospital on 30th December from "farcy after horse-bite." Five cases of suicide, and one of infanticide, were registered during the week.

In the large Public Institutions 245 deaths were recorded, or 15 per cent. of the total deaths; of these 115 occurred in Workhouses and 124 in Hospitals.

Foreign Cities.

In Paris 768 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 75 deaths occurred in the week ending the 30th ultimo, and the annual death-rate was 21 per 1000. In Berlin during the week ending last Thursday 645 deaths were recorded, showing an annual rate of 37 per 1000; these included 135 from small-pox, 29 from enteric fever, and 19 from diphtheria. Dr. Zuelzer states that the new medicine (xylol) has been used with advantage at the Royal Charity Hospital in small-pox cases. In Vienna the 332 deaths in the week ending the 30th ultimo gave an annual rate of 28 per 1000. In Rome 222 deaths were registered in the week ending the 24th, and the annual death-rate was 51 per 1000; 39 deaths were referred to small-pox, and 25 to different forms of fever.

In the City of New York 467 deaths were registered in the week ending 16th December, and the equivalent annual rate of mortality was 26 per 1000.

In Bombay the deaths registered during the week ending the 12th ultimo were 315, and the mortality was at the annual rate of 20 per 1000. In Madras the 240 deaths in the week ending the 1st ultimo showed an annual death-rate equal to 29 per 1000 of the population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 in.; the highest reading was 30·06 in. on Sunday evening, and the lowest 28·75 in. on Friday morning. The mean temperature of the *air* was 41°·5, or 4°·8 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature on Sunday 31st ultimo was 36°·5 and 1°·0 below the average, while a considerable excess prevailed on each of the other days; Thursday was the warmest day, when the mean was 44°·7 and so much as 8°·3 above the average. The highest day temperature in the shade was 51°·4 on Friday, and the lowest night temperature 33°·0 on Sunday; the entire range of temperature in the week was, therefore, 18°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 77°·4 on Wednesday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 40°·5. The mean degree of *humidity* of the air was 84, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 18 miles per hour. *Rain* fell on Tuesday, Thursday, Friday, and Saturday, to the amount of 1·19 ins.

The mean temperature in the other large English towns furnishing returns ranged from 38°·0 in Hull, to 43°·0 in Portsmouth; the lowest recorded night temperature was 29°·1 in Nottingham, and the highest day temperature in the shade 53°·0 in Leeds. Rain was measured in each of these towns; the amounts varied from ·52 of an inch in Norwich to 1·46 in Portsmouth.

In Centigrade degrees the mean temperature of the air at Greenwich was 5°·3, or 2°·7 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 10°·8, the lowest night temperature 0°·6, and the highest temperature in the sun 25°·2. The wind blew at the rate of 30 kilometres an hour, and the rain-fall measured 3·02 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 285,443 cubic metres, and at Barking 297,532 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIRST Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	2173	2146	1916	2059	2252	2005	2318	2409	2431	2368	2207·7	2452
Males . .	1104	1099	988	1043	1127	1031	1190	1243	1247	1173	1124·5	1249
Females .	1069	1047	928	1016	1125	974	1128	1166	1184	1195	1083·2	1203
TOTAL **Deaths**	1367	1553	1798	1660	1520	1437	1624	1501	1697	1828	1598·5	1619
Males . .	684	775	877	828	752	728	821	732	838	902	793·7	829
Females .	683	778	921	832	768	709	803	769	859	926	804·8	790

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Oct. 14.	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.
TOTAL **Deaths** - - -	1275	1291	1364	1400	1365	1626	1863	1918	1856	2121	1943	1686	1619
Deaths under 5 years of age -	497	492	527	552	571	688	742	813	809	865	813	701	684
Deaths 5—20 - - -	103	100	115	129	106	119	118	121	126	133	119	122	103
Deaths 20—40 - - -	202	197	213	201	203	222	250	233	247	272	254	224	225
Deaths 40—60 - - -	203	206	230	224	209	239	342	315	284	352	319	281	266
Deaths 60—80 - - -	221	238	236	230	221	296	338	359	322	409	361	292	280
Deaths at 80 years & upwards	49	58	43	64	52	62	73	77	68	90	77	66	61
Deaths from Smallpox - -	61	53	61	61	54	76	67	78	104	106	90	97	91
„ „ Measles - -	34	34	36	45	42	49	60	83	81	97	102	75	67
„ „ Scarlet Fever -	29	40	31	38	32	40	34	39	34	37	28	34	24
„ „ Diphtheria -	9	6	6	4	5	6	4	10	10	7	3	2	3
„ „ Whooping-cough	27	23	40	51	42	36	64	72	85	99	117	79	92
„ „ Typhus fever -	6	11	4	4	6	5	4	12	6	9	6	4	2
„ „ Enteric (or Typhoid) fever -	24	15	23	36	32	27	27	19	35	23	32	33	26
„ „ Simple Cont^{d} fever	12	9	10	7	7	7	13	8	10	10	12	8	12
„ „ Diarrhœa - -	69	46	32	19	21	17	7	16	14	15	13	9	7
„ „ Simple Cholera -	2	1	1	—	2	—	—	—	—	—	—	—	—
„ „ Phthisis - -	140	147	157	166	162	160	219	168	179	224	182	164	160
„ „ Bronchitis - -	113	120	179	190	180	287	380	457	357	482	364	302	273
„ „ Pneumonia -	62	80	84	81	105	115	162	132	155	139	117	101	97
„ „ Heart Disease -	73	58	74	71	61	85	88	103	77	93	99	77	74
Mean Temperature of the Air	45°·5	53°·5	46°·9	47°·3	39°·2	35°·3	34°·3	36°·4	29°·8	39°·9	41°·6	43°·0	41°·5
Mean Temperature of the Water of the Thames -	52·7	51·5	51·6	49·8	46·6	42·1	38·5	38·0	36·0	34·3	37·7	39·9	40·5
Humidity of the Air - -	80	91	90	81	84	84	86	89	81	90	92	89	84
Rain-fall in inches - -	0·00	0·55	0·01	0·04	0·03	0·29	0·10	0·12	0·04	0·10	0·51	0·56	1·19

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 6th day of January 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 6th Jan. 1872.	DEATHS registered during the Week ending 6th Jan. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5262	4006	53·0	24·0	40·3	4·61	0·96	2·
LONDON	77,997	3,312,591	42·5	2452	1619	51·4	33·0	41·5	5·28	1·19	3·
PORTSMOUTH	9,513	115,455	12·1	90	48	52·4	33·6	43·0	6·11	1·46	3·
NORWICH	7,472	81,105	10·9	46	72	48·0	30·5	38·4	3·55	0·52	1·
BRISTOL	4,688	186,428	39·8	153	99	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	45	78	50·0	32·0	39·8	4·33	1·02	2·
BIRMINGHAM	7,881	350,164	44·7	231	169	51·3	34·3	41·4	5·22	1·14	2·
LEICESTER	3,200	99,143	31·0	83	62	50·5	31·0	39·4	4·11	0·62	1·
NOTTINGHAM	1,996	88,225	44·2	52	59	51·2	29·1	39·3	4·06	0·56	1·
LIVERPOOL	5,108	499,897	97·9	379	300	48·8	32·8	40·9	4·94	0·84	2·
MANCHESTER	4,486	352,759†	78·6	214	207	48·0	32·0	39·8	4·33	1·20	3·
SALFORD	5,172	127,923	24·7	119	60	47·7	33·2	40·4	4·66	0·96	2·
OLDHAM	4,167	84,004	20·2	63	55	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	75	69	50·8	36·3	42·9	6·06	1·19	3·
LEEDS	21,572	266,564	12·4	107	126	53·0	36·0	41·7	5·39	0·90	2·
SHEFFIELD	22,830	247,847	10·9	155	157	50·0	35·0	40·4	4·66	0·94	2·
HULL	3,562	124,976	35·1	110	58	44·0	32·0	38·0	3·33	0·70	1·
SUNDERLAND	3,306	100,665	30·4	46	69	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	74	66	45·0	35·0	39·0	3·89	0·71	1·
EDINBURGH	4,427	205,146	46·3	132	123	52·0	24·0	38·2	3·44	1·20	3·
GLASGOW	5,063	489,136	94·8	428	304	47·7	34·0	39 9	4·39	1·11	2·
DUBLIN	9,745	310,565	31·9	158	206	51·2	30·5	41·0	5·00	0·98	2·

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

† Through an error which has been discovered on the revision of the enumerated numbers at the Census Office, the corr population of Manchester at the middle of 1871 was 351,488, and not 356,039, as published in recent Weekly Returns. The num for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 6th day of January 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	28	3373	773	656	233	105	62	8	165	109	18	112	208	4
LONDON	26	1619	374	341	91	67	24	3	92	40	7	49	101	2
PORTSMOUTH	22	48	14	6	4	3	–	–	2	2	–	1	2	
NORWICH	46	72	18	11	37	–	2	–	–	–	–	2	2	
BRISTOL	28	99	25	22	4	–	1	–	6	2	–	4	10	
WOLVERHAMPTON	59	78	14	8	31	2	1	–	2	–	1	–	–	
BIRMINGHAM	25	169	37	43	5	1	2	2	6	6	1	5	15	
LEICESTER	33	62	16	15	2	–	1	–	2	4	–	1	3	
NOTTINGHAM	35	59	13	13	21	–	–	–	–	6	–	–	–	
LIVERPOOL	31	300	62	58	2	8	3	1	8	13	1	14	18	
MANCHESTER	31	207	46	40	3	1	8	1	18	5	4	10	20	
SALFORD	24	60	15	11	4	–	–	–	7	–	–	2	3	
OLDHAM	34	55	14	12	–	3	–	–	4	1	1	2	3	
BRADFORD	24	69	16	11	1	–	–	–	3	2	1	1	–	
LEEDS	25	126	33	19	14	3	2	–	7	5	–	6	9	
SHEFFIELD	33	157	40	17	42	6	8	1	2	6	2	5	9	
HULL	24	58	7	11	6	–	3	–	5	4	–	4	5	
SUNDERLAND	36	69	11	13	5	8	5	–	–	10	–	1	2	
NEWCASTLE-ON-TYNE	26	66	18	5	11	3	2	–	1	3	–	5	6	
DUBLIN	35	206	32	59	36	–	2	–	–	7	4	3	2	

Table 5.—Deaths in London Registered in the First Week of the Year 1872.

CAUSES OF DEATH.	Averages of the First Week in the 10 years 1862-71.	In the Week ending Saturday, January 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—5.	5—20.				
Mean Temperature –	36·2	41·5						
ALL CAUSES – –	1598·5	1619	684	103	225	266	280	61
SPECIFIED CAUSES	1584·7	1613	680	102	225	266	279	61
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	23·9	91	38	18	25	8	2	–
Measles – – –	39·4	67	62	5	–	–	–	–
Scarlet Fever (Scarlatina)	70·7	24	14	8	1	1	–	–
Diphtheria – – –	8·7	3	2	–	–	1	–	–
Quinsy – – – –	1·1	1	–	1	–	–	–	–
Croup – – – –	17·2	11	9	2	–	–	–	–
Whooping-cough – –	56·0	92	89	3	–	–	–	–
Typhus – – –	55·7	2	–	1	–	1	–	–
Enteric or Typhoid Fever		25	2	8	7	8	1	–
Simple continued Fever		12	7	1	1	3	–	–
Erysipelas – – –	8·9	9	3	–	3	–	3	–
Puerperal Fever (Metria)	4·3	4	–	1	3	–	–	–
Carbuncle – – –	·7	–	–	–	–	–	–	–
Influenza – – –	1·7	2	2	–	–	–	–	–
Dysentery – – –	2·5	2	1	–	–	1	–	–
Diarrhœa – – –	14·3	7	4	1	–	–	2	–
Simple Cholera – –	·5	–	–	–	–	–	–	–
Ague – – – –	·1	1	–	–	–	1	–	–
Remittent Fever – –	·6	–	–	–	–	–	–	–
Rheumatism – –	8·9	6	–	2	3	–	1	–
Other *Zymotic* Diseases –	·3	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	8·9	9	8	–	1	–	–	–
Stricture of Urethra –	1·0	4	–	–	1	1	2	–
Hydrophobia – – –	––	–	–	–	–	–	–	–
Glanders – – –	––	1	–	–	1	–	–	–
Order 3.								
Privation – – –	·5	1	–	–	1	–	–	–
Want of Breast-milk –	8·4	7	7	–	–	–	–	–
Purpura and Scurvy –	1·0	1	1	–	–	–	–	–
Alco- *a* Del. Tremens	2·7	3	–	–	–	3	–	–
olism *b* Intemperance –	2·3	3	–	–	–	3	–	–
Order 4.								
Thrush – – – –	2·5	1	1	–	–	–	–	–
Worms, &c. – – –	·5	2	–	–	1	1	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	2·5	1	–	–	–	1	–	–
Dropsy – – – –	15·5	8	2	1	1	2	2	1
Cancer – – – –	27·2	35	–	–	2	15	17	1
Cancrum Oris (Noma) –	·9	2	2	–	–	–	–	–
Mortification – – –	3·9	1	–	–	–	–	1	–
Order 2.								
Scrofula – – – –	8·2	7	4	2	1	–	–	–
Tabes Mesenterica –	16·2	18	17	1	–	–	–	–
Phthisis – – –	166·2	160	5	19	86	43	6	1
Hydrocephalus – –	30·4	25	24	1	–	–	–	–
I. LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	14·1	16	14	–	1	–	1	–
Apoplexy – – –	42·5	37	2	–	5	13	14	3
Paralysis – – –	32·6	22	–	–	3	5	12	2
Insanity – – –	2·8	1	–	–	–	1	–	–
Chorea – – – –	·2	–	–	–	–	–	–	–
Epilepsy – – –	3·9	3	–	–	1	1	1	–
Convulsions – – –	55·7	58	57	–	–	1	–	–
Brain Disease, &c. –	18·3	18	3	2	1	5	7	–
Order 2.								
Pericarditis – – –	3·0	2	–	–	2	–	–	–
Aneurism – – –	2·4	3	–	–	1	1	1	–
Heart Disease, &c. –	74·1	74	–	8	17	21	28	–
Order 3.								
Laryngitis – – –	9·8	12	7	3	1	1	–	–
Bronchitis – – –	240·3	273	101	2	10	48	91	21
Pleurisy – – –	3·2	4	1	–	–	2	1	–
Pneumonia – – –	93·6	97	55	1	12	16	12	1
Asthma – – – –	17·9	13	–	–	1	4	8	–
Lung Disease, &c. –	21·3	26	13	1	4	2	5	1
Order 4.								
Gastritis – – – –	·3	2	–	1	–	–	1	–
Enteritis – – – –	5·7	4	2	–	–	1	1	–
Peritonitis – – –	4·6	4	–	1	1	1	1	–
Ascites – – – –	2·6	2	–	–	–	2	–	–
Ulceration of Intestines –	3·0	1	–	–	–	1	–	–
Hernia – – – –	3·9	5	–	–	–	1	3	1
Ileus – – – –	4·5	4	1	–	–	3	–	–
Intussusception – –	·6	3	1	–	–	1	1	–

CAUSES OF DEATH.	Averages of the First Week in the 10 years 1862-71.	In the Week ending Saturday, January 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—5.	5—20.				
Mean Temperature –	36·2	41·5						
9. Stricture of Intestines –	·8	4	–	–	1	3	–	–
10. Fistula – – – –	·4	1	–	–	–	–	1	–
11. *Stomach Disease, &c.* –	6·2	4	2	–	–	1	1	–
12. *Pancreas Disease, &c.* –	––	–	–	–	–	–	–	–
13. Hepatitis – – –	4·3	3	–	–	1	2	–	–
14. Jaundice – – –	3·2	4	2	–	1	–	1	–
15. *Liver Disease, &c.* – –	17·9	18	1	–	2	12	2	1
16. *Spleen Disease, &c.* – –	·2	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·4	1	–	–	–	–	1	–
2. Ischuria – – – –	·2	1	–	–	1	–	–	–
3. Bright's Disease (Nephria)	8·4	9	1	2	1	5	–	–
4. Diabetes – – – –	2·0	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·9	2	–	–	1	–	1	–
6. Cystitis – – – –	1·4	2	–	–	1	–	1	–
7. *Kidney Disease, &c.* – –	10·3	10	–	1	1	5	2	1
Order 6.								
1. Ovarian Dropsy – –	·8	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	4·5	6	–	1	3	1	–	1
Order 7.								
1. Synovitis (Arthritis) –	·2	1	–	–	–	–	1	–
2. *Joint Disease, &c.* – –	5·2	3	–	–	1	1	–	1
Order 8.								
1. Phlegmon – – –	2·3	2	–	1	–	1	–	–
2. Ulcer – – – –	1·0	–	–	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·1	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	21·0	28	28	–	–	–	–	–
2. Cyanosis – – – –	2·8	7	6	1	–	–	–	–
3. Spina Bifida – – –	1·6	–	–	–	–	–	–	–
4. Other Malformations –	1·9	2	2	–	–	–	–	–
5. Teething – – – –	15·9	13	13	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·6	4	–	–	4	–	–	–
Order 3.								
1. Old Age – – – –	68·2	51	–	–	–	–	27	24
Order 4.								
1. Atrophy and Debility –	61·0	55	43	–	1	2	9	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	17·3	18	3	1	2	6	5	1
2. Wounds – – – –	·7	–	–	–	–	–	–	–
3. Burns and Scalds – –	8·7	4	1	1	1	1	–	–
4. Poison – – – –	·7	1	–	–	1	–	–	–
5. Drowning – – –	4·1	2	–	–	2	–	–	–
6. Suffocation – – –	12·0	17	16	–	–	1	–	–
7. Otherwise – – –	2·1	1	–	–	1	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·0	1	1	–	–	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot	·3	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·3	1	–	–	1	–	–	–
2. Poison – – –	1·0	1	–	–	–	1	–	–
3 Drowning – – –	·5	1	–	–	–	–	1	–
4. Hanging – – –	1·1	2	–	–	–	1	1	–
5. Otherwise – – –	·7	–	–	–	–	–	–	–
Order 5. (Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·6	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·9	1	–	–	–	–	1	–
Causes not specified or illdefined – – – –	10·9	5	4	1	–	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.†
LONDON	3,251,804	2452	1619	374	341	91	67	24	3	92	2	26	12	7	49	101	245
WEST DISTRICTS	561,189	352	213	42	51	2	7	2	–	5	–	3	–	2	8	17	30
NORTH DISTRICTS	751,668	530	403	95	103	30	20	4	1	20	1	8	1	2	12	27	79
CENTRAL DISTRICTS	333,887	254	174	35	22	7	8	1	–	8	–	2	2	1	6	16	32
EAST DISTRICTS	638,928	385	347	78	61	18	16	6	1	32	1	4	3	1	9	20	48
SOUTH DISTRICTS	966,132	731	482	124	104	34	16	11	1	27	–	9	6	1	14	21	56
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	44	19	3	5	–	–	–	–	–	–	–	–	–	–	1	1
St. John Paddington H	38082	12	9	–	1	–	–	–	–	–	–	–	–	–	3	3	5
Kensington Town *WL*	91583	65	27	9	6	1	–	–	–	1	–	1	–	–	–	–	–
Brompton H	28651	15	15	1	4	–	–	–	–	–	–	1	–	–	–	–	4
St. Peter Hammersmith	6662	5	5	1	2	–	–	–	–	–	–	–	–	–	–	1	–
St. Paul Hammersmith H	36030	25	9	3	2	–	–	–	–	1	–	–	–	–	2	2	1
Fulham *WLLLL*	23378	20	8	3	1	–	–	–	–	–	–	–	–	–	1	1	–
Chelsea South HH	26419	16	11	1	3	–	–	–	–	–	–	–	–	–	–	–	1
Chelsea North-west H*Ww*	23278	26	15	4	6	–	–	–	–	–	–	–	–	1	–	3	5
Chelsea North-east L	21389	12	12	–	2	–	3	1	–	–	–	–	–	–	–	–	–
Hanover Square	18700	8	3	–	1	–	–	–	–	–	–	–	–	–	–	1	–
May Fair *W*	13020	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	25	21	4	5	–	2	–	–	1	–	1	–	–	–	–	4
St. John Westminster HHH	38470	26	19	1	4	1	–	1	–	1	–	–	–	–	–	–	–
St. Margaret Westminster *WW*H	27640	14	15	5	4	–	1	–	–	–	–	–	–	–	–	–	5
St. James's Square	10453	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	10	7	–	1	–	1	–	–	–	–	–	–	–	1	2	4
Berwick-street	10279	9	7	2	2	–	–	–	–	1	–	–	–	–	1	2	–
St. Anne Soho HH	17555	11	8	5	1	–	–	–	–	–	–	–	–	1	–	1	–
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	26	18	7	4	–	–	–	–	3	–	1	–	–	–	2	7
Cavendish Square	15419	8	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	18	15	4	6	1	–	–	–	1	–	–	–	–	–	–	6
St. Mary Marylebone H	21795	18	7	3	1	–	–	–	–	–	–	–	–	–	1	1	–
Christchurch Marylebone	33892	28	9	1	2	–	–	–	–	–	–	–	–	1	–	1	–
St. John Marylebone	33110	24	12	5	4	–	–	–	–	–	–	–	–	–	–	–	–
Hampstead *W*HH	32271	16	22	3	6	6	1	–	–	1	–	1	–	–	–	–	8
Regent's Park Paneras	38192	30	12	2	3	1	–	–	–	–	–	–	–	–	–	–	–
Tottenham-court *w*H	29360	11	11	2	2	–	–	–	–	2	–	1	–	–	1	2	4
Gray's Inn Lane H	29216	23	13	2	4	–	2	–	–	1	–	–	–	–	1	2	–
Somers Town	38562	31	21	3	5	1	1	–	–	–	–	1	–	–	1	3	–
Camden Town *W*	18066	17	25	5	17	–	–	–	–	–	–	–	1	–	–	2	17
Kentish Town *W*	68198	55	35	6	8	4	3	1	–	1	–	–	–	–	3	6	4
Islington West* *WHHH*	97801	72	71	27	11	2	7	–	1	6	–	2	–	–	3	6	5
Islington East *Www*	115948	82	56	10	13	1	5	2	–	3	–	–	–	1	–	–	7
Stoke Newington L	9810	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	4	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	13	13	4	3	1	–	–	–	–	–	1	–	–	–	1	–
Hackney *Ww*HL	50087	18	40	4	11	13	–	1	–	1	1	1	–	–	1	–	21
South Hackney L	30305	29	13	4	1	–	1	–	–	1	–	–	–	–	1	1	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	12	9	3	1	–	1	–	–	1	–	–	–	–	–	–	–
St. Giles South *WH*	19089	35	13	3	–	–	–	–	–	–	–	–	–	–	–	1	4
St. Giles North	16497	9	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	15	5	2	1	–	–	–	–	–	–	–	–	–	1	2	–
Charing Cross *WH*	9831	3	11	5	2	–	–	–	–	–	–	–	–	–	1	1	5
St. Mary-le-Strand	9376	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	9	9	3	–	–	–	–	–	–	–	–	–	–	1	1	4
St. George-the-Martyr HHH	20521	18	5	1	1	1	–	–	–	–	–	1	–	–	–	–	–
St. Andrew East Holborn *W*	13523	9	14	1	2	–	1	–	–	–	–	–	–	1	–	1	7
Saffron Hill	9051	10	5	1	–	–	–	–	–	–	–	–	1	–	–	–	–
St. James Clerkenwell *W*	18912	19	10	2	1	3	–	–	–	2	–	–	–	–	–	–	1
Amwell Clerkenwell	16878	12	5	1	1	–	–	–	–	1	–	–	–	–	–	–	–
Pentonville	13293	6	8	3	2	1	1	–	–	1	–	–	–	–	–	1	–
Goswell-street	16220	10	11	1	2	–	1	–	–	–	–	–	–	–	–	–	–
Old-street	12156	14	4	–	–	–	–	–	–	–	–	–	1	–	–	–	–
City-road *WHHL*	18291	24	9	3	–	1	2	–	–	–	–	–	–	–	1	2	–
Whitecross-street	13790	5	7	1	2	–	1	–	–	–	–	–	–	–	1	1	–
Finsbury	10732	6	4	–	–	–	–	–	–	1	–	–	–	–	–	1	–
St. Botolph East London HH	14484	10	8	–	1	–	–	–	–	–	–	–	–	–	–	–	2
Cripplegate	13639	8	6	–	1	1	1	–	–	–	–	–	–	–	–	2	–
St. Sepulchre H	7562	1	10	–	1	–	–	–	–	1	–	–	–	–	1	3	9
St. Bride *W*	11184	4	5	1	–	–	–	1	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	4	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Broad Street	7838	1	6	3	2	–	–	–	–	1	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

* The Small-pox and Fever Hospitals are situated in the sub-district of Islington West. † Officials of Public Institutions are not included.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 6th January 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include											
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	3	7	1	2	–	1	–	–	3	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	13	14	6	–	–	–	–	–	2	–	–	–	1	–	–	–
oxton New Town *w*	27832	30	19	4	2	1	–	–	–	2	–	1	–	–	–	1	1
oxton Old Town	26344	22	16	3	3	1	2	–	–	1	–	–	–	–	–	–	–
ggerstone West *W*	24153	26	11	1	1	–	1	1	–	4	–	–	–	–	–	–	1
ggerstone East	19257	16	7	5	2	–	–	–	–	–	–	–	–	–	–	–	–
ackney-road	29808	35	13	2	2	2	1	1	–	1	–	1	–	–	–	–	–
een, Bethnal Green *WHL*†	42443	36	19	5	4	–	–	–	–	1	–	–	–	–	–	–	3
urch, Bethnal Green	26374	29	13	3	–	2	4	–	–	1	–	–	1	–	–	–	–
wn, Bethnal Green	21375	19	13	2	2	1	1	1	–	–	–	–	–	–	–	–	–
tillery Whitechapel	6651	4	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
italfields	15844	11	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
le End New Town *W*	15550	10	20	2	7	–	–	–	–	1	–	–	–	–	2	6	12
hitechapel North	11434	12	5	2	–	–	–	–	–	1	–	–	–	–	–	–	–
hitechapel Church H	7323	4	17	2	3	–	–	–	–	1	–	–	–	–	1	1	13
odman's Fields	10381	7	6	2	–	–	–	1	–	1	–	–	–	–	–	–	–
dgate	9149	7	6	2	–	1	–	–	–	2	–	–	–	–	–	1	–
Mary St. George East	17906	17	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Paul St. George East	21356	14	14	2	2	–	–	–	–	3	–	–	–	–	–	–	–
John St. George East *W*	8973	7	8	2	3	–	–	–	1	–	–	–	–	–	–	1	5
adwell *W*	11623	5	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
tcliff *WH*	15930	11	8	4	2	1	2	–	–	1	–	1	–	–	1	1	–
mehouse *W*	30025	22	12	4	1	1	–	1	–	1	–	–	–	–	2	3	–
le End Old Town West	38126	43	16	–	3	–	1	1	–	–	–	–	1	–	–	1	–
le End Old Town East *WeH*	55020	49	19	2	8	2	–	–	–	1	–	1	–	–	–	–	3
w *WeHL*†	67777	84	49	15	6	5	2	–	–	2	–	–	–	–	3	5	10
plar *W*	48500	49	23	3	6	1	1	–	–	3	1	–	1	–	–	–	–
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	17	10	3	2	–	–	–	–	1	–	–	–	–	–	–	–
Saviour Southwark *H*	15637	12	10	2	1	–	–	1	–	2	–	1	–	–	1	1	–
ut-road	20430	16	10	3	2	–	1	–	–	1	–	1	–	–	–	–	–
rough-road *WH*	16694	11	10	2	3	–	1	–	–	2	–	–	–	1	–	–	2
ndon-road *L*	18959	16	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–
inity Newington	23073	20	6	1	1	–	–	1	–	–	–	–	–	–	–	–	–
Peter Walworth *W*	48232	23	13	6	1	3	–	–	–	–	–	–	3	1	–	–	–
Mary Newington *H*	16786	14	13	3	2	–	2	–	1	2	–	–	–	–	–	1	–
Olave Southwark *H*	4157	1	17	1	3	–	–	–	–	–	–	–	–	–	8	8	14
John Horsleydown *W*	10595	7	7	2	1	–	–	1	–	1	–	–	–	–	–	–	1
ather Market	16785	16	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	10	9	1	4	–	–	1	–	–	–	–	–	–	–	–	5
James Bermondsey	47921	45	26	7	4	–	2	1	–	4	–	–	–	–	1	1	–
otherhithe *W*	25873	26	12	4	1	–	–	–	–	1	–	–	–	–	1	1	1
aterloo-road 1st *H*	14086	12	7	3	2	–	–	–	–	1	–	–	–	–	1	1	–
aterloo-road 2nd *H*	18453	19	10	4	1	–	1	1	–	–	–	–	1	–	–	–	1
mbeth Church 1st	19470	13	16	4	2	–	1	–	–	2	–	1	1	–	–	1	5
mbeth Church 2nd *W*	35831	35	14	4	1	2	–	–	–	1	–	–	–	–	1	1	1
nnington 1st *W*	41284	23	19	5	7	–	–	–	–	–	–	–	1	–	–	–	–
nnington 2nd	31213	21	13	3	4	2	–	–	–	1	–	–	–	–	–	–	–
ixton *HL*	35431	15	21	2	6	7	–	–	–	–	–	1	–	–	–	–	7
rwood *W*	12534	6	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
apham *HL*	27348	15	9	2	2	1	1	–	–	–	–	–	–	–	–	–	–
ttersea *W*	53988	47	32	12	4	3	3	1	–	2	–	1	–	–	–	1	3
andsworth *HL*	19797	17	12	4	4	–	1	–	–	–	–	–	–	–	–	–	2
tney	9438	4	2	–	–	–	–	1	–	–	–	–	–	–	–	–	–
eatham	14479	6	4	1	2	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	1	2	–	1	–	–	–	–	–	–	–	1	–	–	–	–
mberwell *WL*†*L*†	31251	25	18	1	6	1	–	1	–	–	–	1	–	–	–	–	3
ckham *W*	42159	33	23	5	5	2	–	2	–	1	–	–	–	–	–	–	–
George Camberwell	33851	38	16	4	3	5	1	–	–	1	–	–	–	–	–	–	–
Paul Deptford	53696	28	27	11	3	2	1	–	–	1	–	–	1	–	–	–	–
Nicholas Deptford	6487	1	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eenwich West	21098	13	10	2	1	–	–	–	–	1	–	–	–	–	–	–	–
eenwich East *WH*	19320	13	15	5	9	–	–	–	–	1	–	–	–	–	–	1	7
ham	4528	1	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–
e	16430	9	8	1	3	–	–	–	–	–	–	–	–	–	1	–	–
wisham Village *W*	11508	13	3	1	2	–	–	–	–	–	–	–	–	–	–	1	–
lenham	19016	20	7	4	2	–	–	–	–	–	–	–	–	–	–	–	–
rlton *H*	9503	6	5	–	2	–	–	–	–	–	–	–	–	–	–	–	3
olwich Dockyard	17229	11	7	1	2	–	–	–	–	1	–	–	–	–	–	–	–
olwich Arsenal *H*	18319	20	13	3	2	4	1	–	–	–	–	–	–	–	–	1	–
mstead, West	13028	15	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–
mstead, East *W*	15290	12	4	–	–	–	–	–	–	–	–	–	–	–	3	–	–

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th JANUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1871–2. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32deg. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	DIFFERENCE between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	31	..	29·954	41·5	33·0	8·5	36·5	31·4	63·9	26·8	42·4	39·6	5·1	7·6	3·5	— 1·0	81	W.	NW. WSW. & SSW.	1·7	0·0	0·3	317	0·00	..
JANUARY.																									
MONDAY . .	1	..	29·857	43·2	34·0	9·2	39·2	34·3	61·3	26·5	42·0	39·2	4·9	6·4	4·0	+ 1·9	83	SSW. & SW.	SSW.	19·4	0·0	1·2	415	0·00	..
TUESDAY .	2	..	29·647	46·7	39·7	7·0	43·2	40·8	61·8	35·0	41·4	39·0	2·4	3·8	0·9	+ 6·2	91	SSW.	SW.	16·0	0·0	0·9	360	0·10	..
WEDNESDAY	3	In Equator Last Qr.	29·718	46·5	36·0	10·5	41·2	37·8	77·4	29·0	41·1	38·8	3·4	8·0	1·4	+ 4·5	88	WSW. & SW.	WSW. SW. & SSW.	5·1	0·0	0·7	348	0·00	..
THURSDAY.	4	..	29·261	49·0	42·5	6·5	44·7	38·2	68·3	36·0	40·8	39·3	6·5	8·6	2·2	+ 8·3	78	SW. & W.	W.by S.& SW.	25·1	0·1	2·3	609	0·35	..
FRIDAY . .	5	..	28·934	51·4	37·8	13·6	44·5	39·3	77·0	32·0	41·6	39·5	5·2	10·1	2·4	+ 8·3	82	SW. & W.	WSW.	30·0	0·1	3·9	614	0·44	..
SATURDAY.	6	..	29·400	48·9	37·3	11·6	41·2	37·4	68·5	31·0	42·1	40·0	3·8	6·5	1·2	+ 5·2	86	WNW, WSW, & SW.	WSW.	17·7	0·1	1·0	438	0·30	..
MEANS . .		..	29·539	46·7	37·2	9·6	41·5	37·0	68·3	30·9	41·6	39·3	4·5	7·3	2·2	+ 4·8	84	SW.		..	..	..	Sum 3101	Sum 1·19	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
DECEMBER.			
SUNDAY .	31		Hoar frost in morning, and slight fog. Cloudless throughout the day. Hoar frost at night. Very fine.
JANUARY.			
MONDAY .	1	Electrical apparatus under adjustment.	Hoar frost in morning. The clouds very changeable throughout. Strong wind. Generally fine.
TUESDAY .	2	Weak positive.	Rain fell in early morning, and a few drops at night. Generally cloudy till 9h. P.M., after which time the sky remained cloudless till midnight.
WEDNESDAY	3	Occasional positive, with weak tension.	Hoar frost and very fine in morning. Light clouds generally present till the evening; then cloudless.
THURSDAY .	4		Rain fell heavily between 3h. and 4h. A.M., and again at times during the day, and at night occasionally accompanied by hail. Clouds very variable till the evening; then overcast. Strong wind, amounting to a gale by 11h. P.M.
FRIDAY .	5	The apparatus was injured during the gale.	Heavy gale, with rain prevalent, till 6h. A.M. Frequent heavy showers also fell during the day, accompanied by hail. Generally cloudy. Flashes of lightning at night.
SATURDAY .	6		Fine and partially cloudy in the morning; overcast after noon, and rain fell heavily, accompanied at times by hail, until 3h. P.M.; cloudless after 5h. P.M.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·61 in. at the beginning of the week to 30·06 in. by 10h. P.M. on the 31st of December 1871; decreased to 29·63 in. by 9h. P.M. on the 2d of January 1872; increased to 29·75 in. by noon on the 3d; decreased to 29·19 in. by 8h. A.M. on the 4th; increased to 29·33 in. by 3h. P.M. on the same day; decreased to 28·75 in. by 5h. A.M. on the 5th; increased to 28·99 in. by 4h. P.M., decreased to 28·94 in. by 9½h. P.M., on the same day; increased to 29·42 in. by 9h. A.M. on the 6th, decreased to 29·37 in. by 3h. P.M.; and was 29·44 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
15th January 1872.

United Kingdom.

During the week ending Saturday the 13th instant, 5309 *births* and 4058 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 29 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes last week was 35 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 42; the fatal cases of small-pox in Dublin, which had been 25 and 36 in the two previous weeks, further rose to 63 last week, equal to an annual death-rate of 11 per 1000.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 26 per 1000; Portsmouth 16, Norwich 37, Bristol 24, Wolverhampton 49, Birmingham 25, Leicester 32, Nottingham 31, Liverpool 30, Manchester 30, Salford 29, Oldham 26, Bradford 29, Leeds 26, Sheffield 36, Hull 33, Sunderland 39, and Newcastle-upon-Tyne 35. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 284, 288, and 283, were last week 261; of these, 90 occurred in London, 45 in Sheffield, 27 in Norwich, 25 in Wolverhampton, 21 in Nottingham, 15 in Newcastle-upon-Tyne, 13 in Hull, 8 in Birmingham, 5 in Salford, 4 in Sunderland, 3 in Oldham, 2 each in Leeds and Bristol, and one in Manchester. The annual death-rate from this disease was equal to 19 per 1000 in Wolverhampton, 17 in Norwich, 12 in Nottingham, 9 in Sheffield, 6 in Newcastle, 5 in Hull, 2 each in Sunderland, Salford, and Oldham, and to one each in London, Birmingham, and Bristol; its fatality showed a considerable decline in Wolverhampton, Leeds, and Sunderland, while it had increased in Hull.

In Bristol the death of a man who had formerly served as a seaman in the Royal Navy, and who was stated to be in his 102nd year of age, was registered last week.

London.

In London 2305 births and 1632 deaths were registered last week. After making due allowance for increase of population, the births were 35, and the deaths so many as 261, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four previous weeks had steadily declined from 34 to 26 per 1000 persons living, was again 26 last week. The rate was equal to 23 per 1000 in the West, 27 in the North, Central, and East, and 25 in the South Districts.

The 1632 deaths included 90 from small-pox, 51 from measles, 23 from scarlet fever, 3 from diphtheria, 115 from whooping-cough, 41 from different forms of fever (of which 4 were certified as typhus, 25 as enteric or typhoid, and 12 as simple continued fever), and 3 from diarrhœa; thus to the seven principal diseases of the zymotic class 326 deaths were referred, against 341 and 324 in the two preceding weeks. The fatal cases of whooping-cough showed a considerable further increase upon those in the two previous weeks, while those of measles had further declined. Measles was again fatally prevalent in Islington and Bow; the deaths from scarlatina were excessive in St. George-in-the-East; and from whooping-cough in Marylebone, Islington, Bermondsey, Lambeth, and St. George (Camberwell). In the Rectory sub-district of Marylebone of 22 deaths from all causes, 7 of young children, aged between seven months and five years, were referred to whooping-cough. Two deaths each from enteric fever were registered last week in Golden Square, Limehouse, Walworth, Battersea, and St. George (Camberwell) sub-districts.

The deaths from small-pox have been singularly stationary in the past four weeks, 90, 97, 91, and 90 respectively; the 90 last week, however, exceeded by 59

the corrected average weekly number in the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 42 fatal cases were recorded, against 41 and 27 in the two previous weeks. Five deaths each from this disease were returned in City-road and Poplar, and three in Greenwich West sub-districts.

The mean temperature of the air at Greenwich was again so high as 40°·3, and was 4°·3 above the average in the corresponding week of fifty years. To this fact may, in great measure, be attributed the fact that the deaths were so far below the average. To diseases of the respiratory organs, including phthisis, 582 deaths were referred last week, or 55 less than the corrected average weekly number in the corresponding week of the last ten years.

To different forms of violence 57 deaths were referred; of these, 44 were the result of accident or negligence, including 20 from fractures and contusions, 5 from burns and scalds, 4 from drowning, and 13 from suffocation, including 12 of infants under one year. Of the deaths from fractures and contusions 3, of adults, were caused by horses or vehicles in the streets. Nine cases of suicide, two of infanticide, and two adult cases of manslaughter were registered during the week.

In the large Public Institutions of the Metropolis 293 deaths were recorded, or 18 per cent. of the total deaths; of these 161 occurred in Workhouses and 122 in Hospitals.

Foreign Cities.

In Paris 723 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 82 deaths occurred in the week ending the 6th instant, and the annual death-rate was 23 per 1000. In Berlin during the week ending the 11th, 603 deaths were recorded, showing an annual rate of 38 per 1000; these included 103 fatal cases of small-pox, showing a decline of 32 upon those in the previous week. In Vienna the 361 deaths in the week ending the 6th gave an annual rate of 30 per 1000. In Rome 236 deaths were registered in the week ending the 31st ultimo, and the annual death-rate was 55 per 1000; the deaths included 37 from small-pox, 18 from different forms of fever, and 10 from diphtheria.

In the City of New York 452 deaths were registered in the week ending 23d December, and the equivalent annual rate of mortality was 25 per 1000.

In Bombay the deaths registered during the week ending the 19th ultimo were 312, and the mortality was at the annual rate of 20 per 1000. In Madras the 223 deaths in the week ending the 8th ultimo showed an annual death-rate equal to 27 per 1000 of the population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 in.; the highest reading was 30·01 in. on Friday at noon, and the lowest 29·11 in. on Monday morning. The mean temperature of the *air* was 40°·3, or 4°·3 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature on Wednesday was only 35°·5 and was slightly below the average, while a considerable excess was shown on each of the other days; on Saturday the mean was 47°·7, showing an excess of 11°·5. The highest day temperature in the shade was 51°·0 on Saturday, and the lowest night temperature 32°·2 on Wednesday; the entire range of temperature in the week was, therefore, 18°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 68°·5 on Sunday. The difference between the mean *dew-point* temperature and *air* temperature averaged 2°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 38°·7. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on Sunday, Tuesday, Thursday, and Saturday, to the amount of ·71 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 35°·6 in Hull, to 41°·4 in Liverpool; the lowest recorded night temperature was 23°·0 in Salford, and the highest day temperature in the shade 59°·4 in Portsmouth. Rather more than an inch of rain was measured in Portsmouth; the amounts measured in the other towns varied from ·37 of an inch in Birmingham, to ·84 in Salford.

In Centigrade degrees the mean temperature of the air at Greenwich was 4°·6, or 2°·4 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 10°·6, the lowest night temperature 0°·1, and the highest temperature in the sun 20°·3. The wind blew at the rate of 20 kilometres an hour, and the rain-fall measured 1·80 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 347,553 cubic metres, and at Barking 301,413 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SECOND Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1881	1954	2019	2002	1928	2382	2132	2270	2351	2357	2127·6	2305
Males . .	918	1024	1026	1035	967	1229	1053	1179	1173	1204	1080·8	1166
Females .	963	930	993	967	961	1153	1079	1091	1178	1153	1046·8	1139
Total Deaths	1561	1535	2427	1669	1506	1891	1574	1490	1664	1896	1721·3	1632
Males . .	780	785	1124	856	756	911	816	741	815	937	852·1	794
Females .	781	750	1303	813	750	980	758	749	849	959	869·2	838

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Oct. 21.	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.
Total Deaths - - -	1291	1364	1400	1365	1626	1863	1918	1856	2121	1943	1686	1619	1632
Deaths under 5 years of age -	492	527	552	571	688	742	813	809	865	813	701	684	663
Deaths 5—20 - - -	100	115	129	106	119	118	121	126	133	119	122	103	110
Deaths 20—40 - - -	197	213	201	206	222	250	233	247	272	254	224	225	215
Deaths 40—60 - - -	206	230	224	209	239	342	315	284	352	319	281	266	283
Deaths 60—80 - - -	238	236	230	221	296	338	359	322	409	361	292	280	306
Deaths at 80 years & upwards	58	43	64	52	62	73	77	68	90	77	66	61	55
Deaths from Small-pox - -	53	61	61	54	76	67	78	104	106	90	97	91	90
" " Measles - -	34	36	45	42	49	60	83	81	97	102	75	67	51
" " Scarlet Fever -	40	31	38	32	40	34	39	34	37	28	34	24	23
" " Diphtheria -	6	6	4	5	6	4	10	10	7	3	2	3	3
" " Whooping-cough	23	40	51	42	36	64	72	85	99	117	79	92	115
" " Typhus fever -	11	4	4	6	5	4	12	6	9	6	4	2	4
" " Enteric (or Typhoid) fever -	15	23	36	32	27	27	19	35	23	32	33	26	25
" " SimpleContfever	9	10	7	7	7	13	8	10	10	12	8	12	12
" " Diarrhœa - -	46	32	19	21	17	7	16	14	15	13	9	7	3
" " Simple Cholera -	1	1	—	2	—	—	—	—	—	—	—	—	—
" " Phthisis - -	147	157	166	162	160	219	168	179	224	182	164	160	162
" " Bronchitis - -	120	179	190	180	287	380	457	357	482	364	302	273	278
" " Pneumonia -	80	84	81	105	115	162	132	155	139	117	101	97	96
" " Heart Disease -	58	74	71	61	85	88	103	77	93	99	77	74	62
Mean Temperature of the Air	53°·5	46°·9	47°·3	39°·2	35°·3	34°·3	36°·4	29°·8	39°·9	41°·6	43°·0	41°·5	40°·3
Mean Temperature of the Water of the Thames -	51·5	51·6	49·8	46·6	42·1	38·5	38·0	36·0	34·3	37·7	39·9	40·5	38·7
Humidity of the Air - -	91	90	81	84	84	86	89	81	90	92	89	84	90
Rain-fall in inches - -	0·55	0·01	0·04	0·03	0·29	0·10	0·12	0·04	0·10	0·51	0·56	1·19	0·71

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday, the 13th day of January 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 13th Jan. 1872.	DEATHS registered during the Week ending 13th Jan. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5309	4058	59·4	23·0	38·8	3·77	0·68	1·73
LONDON	77,997	3,312,591	42·5	2305	1632	51·0	32·2	40·3	4·61	0·71	1·80
PORTSMOUTH	9,513	115,455	12·1	74	36	59·4	28·4	40·3	4·61	1·08	2·74
NORWICH	7,472	81,105	10·9	50	58	48·0	29·8	37·0	2·78	0·56	1·42
BRISTOL	4,688	186,428	39·8	143	85	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,263	20·5	41	65	51·9	30·3	39·2	4·00	0·57	1·45
BIRMINGHAM	7,831	350,164	44·7	308	165	54·0	32·0	39·9	4·39	0·37	0·94
LEICESTER	3,200	99,143	31·0	75	61	51·5	28·5	38·7	3·72	0·47	1·19
NOTTINGHAM	1,996	88,225	44·2	57	52	49·6	27·8	37·1	2·84	0·49	1·24
LIVERPOOL	5,108	499,897	97·9	365	283	53·4	31·6	41·4	5·22	0·67	1·70
MANCHESTER	4,486	352,759†	78·6	274	204	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	116	72	52·8	23·0	38·5	3·61	0·84	2·13
OLDHAM	4,167	84,004	20·2	53	42	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	139	83	—	—	—	—	—	—
LEEDS	21,572	266,564	12·4	185	131	50·0	29·0	39·2	4·00	0·39	0·99
SHEFFIELD	22,830	247,847	10·9	187	171	52·0	27·5	39·3	4·06	0·45	1·14
HULL	3,562	124,976	35·1	98	79	48·0	24·0	35·6	2·01	0·64	1·63
SUNDERLAND	3,306	100,665	30·4	61	75	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	104	88	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	146	139	50·0	25·0	34·6	1·45	0·70	1·78
GLASGOW	5,063	489,136	94·8	377	289	49·0	28·0	38·8	3·77	1·71	4·34
DUBLIN	9,745	310,565	31·9	151	248	55·0	28·0	41·5	5·28	0·54	1·37

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the correct population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The number for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 13th day of January 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	28	3382	756	721	261	76	51	5	191	99	28	114	206	485
LONDON	26	1632	339	361	90	51	23	3	115	41	3	59	115	293
PORTSMOUTH	16	36	12	6	–	1	–	–	1	1	–	–	2	6
NORWICH	37	58	8	11	27	–	–	–	–	2	1	–	–	5
BRISTOL	24	85	13	30	2	2	–	–	4	–	–	–	1	13
WOLVERHAMPTON	49	65	20	6	25	–	1	–	2	–	1	2	5	6
BIRMINGHAM	25	165	38	34	8	–	1	–	9	9	2	10	18	11
LEICESTER	32	61	19	12	–	–	–	–	–	3	1	1	3	5
NOTTINGHAM	31	52	6	8	21	–	–	–	–	–	–	1	6	11
LIVERPOOL	30	283	68	72	–	3	8	1	13	16	8	15	19	43
MANCHESTER	30	204	42	44	1	–	2	–	17	6	5	7	13	32
SALFORD	29	72	18	12	5	–	–	–	6	1	–	2	3	5
OLDHAM	26	42	13	3	3	2	1	–	3	1	–	1	3	2
BRADFORD	29	83	32	14	–	1	1	–	7	3	–	–	–	7
LEEDS	26	131	30	34	2	2	2	–	6	3	2	3	4	14
SHEFFIELD	36	171	42	25	45	3	8	1	1	5	3	6	7	18
HULL	33	79	20	15	13	1	–	–	5	4	1	4	4	8
SUNDERLAND	39	75	15	22	4	8	4	–	–	2	–	2	1	–
NEWCASTLE-ON-TYNE	35	88	21	12	15	2	–	–	2	2	1	1	2	6
DUBLIN	42	248	57	55	63	–	2	1	4	9	6	6	12	114

Table 5.—Deaths in London Registered in the Second Week of the Year 1872.

CAUSES OF DEATH.	Average in the Second Weeks of the 10 years 1862-71.	In the Week ending Saturday, January 13, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	38°7	40°3						
ALL CAUSES – –	1721·3	1632	663	110	215	283	306	55
SPECIFIED CAUSES	1708·9	1626	660	109	215	282	305	55
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	28·2	90	31	18	35	5	1	–
Measles – – – –	36·6	51	46	5	–	–	–	–
Scarlet Fever (Scarlatina)	66·9	23	13	9	1	–	–	–
Diphtheria – – –	10·6	3	1	1	–	–	1	–
Quinsy – – –	1·1	1	–	–	–	–	1	–
Croup – – –	17·8	22	18	4	–	–	–	–
Whooping-cough – –	60·2	115	111	4	–	–	–	–
Typhus – – – –	58·2	4	–	2	2	–	–	–
Enteric or Typhoid Fever		25	5	10	8	1	1	–
Simple continued Fever		12	2	2	2	2	4	–
Erysipelas – –	7·4	13	3	2	–	2	6	–
Puerperal Fever (Metria)	3·8	6	–	–	6	–	–	–
Carbuncle – – –	5·5	–	–	–	–	–	–	–
Influenza – – –	1·1	–	–	–	–	–	–	–
Dysentery – – –	1·9	2	–	–	1	1	–	–
Diarrhœa – – –	14·7	3	1	–	1	–	1	–
Simple Cholera – –	·3	–	–	–	–	–	–	–
Ague – – – –	·2	2	1	–	1	–	–	–
Remittent Fever – –	·3	–	–	–	–	–	–	–
Rheumatism – – –	8·6	10	–	1	4	1	3	1
Other *Zymotic* Diseases –	·1	1	1	–	–	–	–	–
Order 2.								
Syphilis – – – –	7·8	6	4	–	1	1	–	–
Stricture of Urethra –	1·1	2	–	–	–	1	1	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – – –	1·3	–	–	–	–	–	–	–
Want of Breast-milk –	7·4	7	7	–	–	–	–	–
Purpura and Scurvy –	1·8	3	2	–	1	–	–	–
Alcoholism { *a* Del. Tremens –	2·6	2	–	–	2	–	–	–
Alcoholism { *b* Intemperance –	1·7	2	–	–	1	1	–	–
Order 4.								
Thrush – – – –	2·9	1	1	–	–	–	–	–
Worms, &c. – – –	·3	1	1	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	2·1	3	–	–	–	1	2	–
Dropsy – – – –	15·1	12	3	–	2	1	6	–
Cancer – – – –	27·7	34	–	–	7	12	13	2
Cancrum Oris (Noma) –	·9	–	–	–	–	–	–	–
Mortification – – –	3·5	6	–	–	–	1	4	1
Order 2.								
Scrofula – – – –	9·1	4	2	–	1	1	–	–
Tabes Mesenterica – –	14·9	19	13	1	1	–	1	–
Phthisis – – – –	182·1	102	6	21	62	63	5	–
Hydrocephalus – –	26·7	29	22	7	–	–	–	–
LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	14·9	17	7	5	1	3	1	–
Apoplexy – – – –	44·7	41	2	–	3	20	15	1
Paralysis – – – –	34·5	34	–	–	–	7	22	5
Insanity – – – –	3·2	5	–	–	1	1	3	–
Chorea – – – –	·4	1	–	–	–	1	–	–
Epilepsy – – – –	8·5	9	–	–	2	2	4	1
Convulsions – – –	62·0	52	52	–	–	–	–	–
Brain Disease, &c. –	20·5	19	5	–	4	6	3	1
Order 2.								
Pericarditis – – –	3·1	4	–	1	1	2	–	–
Aneurism – – –	3·2	3	–	–	1	2	–	–
Heart Disease, &c. –	84·2	62	1	4	15	13	26	3
Order 3.								
Laryngitis – – –	10·2	11	6	2	2	1	–	–
Bronchitis – – –	289·5	278	106	2	5	44	103	18
Pleurisy – – –	4·4	4	–	–	1	1	2	–
Pneumonia – – –	100·9	93	59	2	12	15	8	–
Asthma – – – –	27·5	11	–	–	–	7	3	1
Lung Disease, &c. –	22·1	20	4	–	2	5	8	1
Order 4.								
Gastritis – – – –	2·4	1	–	–	–	1	–	–
Enteritis – – – –	5·7	3	2	–	–	1	–	–
Peritonitis – – –	3·8	5	–	1	1	2	1	–
Ascites – – – –	3·4	–	–	–	–	–	–	–
Ulceration of Intestines –	1·9	3	–	–	1	–	2	–
Hernia – – – –	3·6	3	1	–	–	–	2	–
Ileus – – – –	2·9	3	1	–	–	–	2	–
Intussusception – –	·4	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Second Weeks of the 10 years 1862-71.	In the Week ending Saturday, January 13, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	38°7	40°3						
9. Stricture of Intestines –	·5	–	–	–	–	–	–	–
10. Fistula – – – –	·4	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	8·9	5	1	–	–	3	–	1
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	3·0	–	–	–	–	–	–	–
14. Jaundice – – –	3·4	5	–	–	2	3	–	–
15. *Liver Disease, &c.* – –	16·7	19	–	–	2	10	7	–
16. *Spleen Disease, &c.* – –	·2	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·7	3	–	1	1	–	1	–
2. Ischuria – – – –	·5	1	–	–	–	–	1	–
3. Bright's Disease (Nephria)	10·3	6	–	–	–	6	–	–
4. Diabetes – – –	2·0	3	–	–	1	1	–	1
5. Calculus (Stone) – –	·4	1	–	–	–	–	1	–
6. Cystitis – – – –	·9	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	9·5	5	–	1	–	4	–	–
Order 6.								
1. Ovarian Dropsy – –	·7	1	–	–	1	–	–	–
2. *Uterus Disease, &c.* – –	4·3	1	–	–	–	1	–	–
Order 7.								
1. Synovitis (Arthritis) –	·5	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	4·3	6	–	–	5	–	1	–
Order 8.								
1. Phlegmon – – – –	2·3	4	–	1	–	2	1	–
2. Ulcer – – – –	2·1	1	1	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·6	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	24·1	18	18	–	–	–	–	–
2. Cyanosis – – – –	1·9	2	2	–	–	–	–	–
3. Spina Bifida – – –	·8	3	3	–	–	–	–	–
4. Other Malformations –	1·2	2	2	–	–	–	–	–
5. Teething – – – –	19·8	18	18	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	6·0	1	–	–	1	–	–	–
Order 3.								
1. Old Age – – – –	76·6	42	–	–	–	–	25	17
Order 4.								
1. Atrophy and Debility –	61·5	58	47	–	2	4	5	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	21·6	20	4	–	5	7	3	1
2. Wounds { Gunshot –	·8	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	2·8	5	3	1	–	1	–	–
4. Poison – – – –	·8	–	–	–	–	–	–	–
5. Drowning – – –	2·9	4	1	1	1	1	–	–
6. Suffocation – – –	10·5	13	13	–	–	–	–	–
7. Otherwise – – –	3·9	2	1	–	–	1	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	1·6	4	2	–	2	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot –	·2	1	–	–	–	1	–	–
1. Wounds { Cut, Stab –	1·5	2	–	–	–	1	1	–
2. Poison – – – –	1·0	1	–	–	–	–	1	–
3. Drowning – – –	·8	2	–	–	1	1	–	–
4. Hanging – – – –	1·0	2	–	–	–	2	–	–
5. Otherwise – – –	·3	1	–	–	1	–	–	–
Order 5. (Execution.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	2	–	–	1	1	–	–
Sudden Deaths (Cause unascertained) – – –	4·5	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	7·9	6	3	1	–	1	1	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.†
LONDON	3,251,804	2305	1632	339	361	90	51	23	3	115	4	25	12	3	59	115	293
WEST DISTRICTS	561,189	318	252	35	63	2	3	5	2	12	–	5	1	–	10	23	45
NORTH DISTRICTS	751,668	457	403	78	89	32	23	5	–	32	–	6	4	–	14	23	78
CENTRAL DISTRICTS	333,887	221	167	30	28	8	4	2	–	11	–	1	–	1	7	16	26
EAST DISTRICTS	638,928	537	341	75	71	17	12	6	1	22	–	5	1	2	17	38	64
SOUTH DISTRICTS	966,132	772	469	112	110	31	9	5	–	38	4	8	6	–	11	15	80
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	43	15	3	2	–	–	–	–	1	–	–	–	–	–	–	1
St. John Paddington H	38082	15	12	–	4	–	–	1	–	–	–	–	–	–	3	4	4
Kensington Town *WL*	91583	48	47	8	13	1	–	1	1	1	–	–	–	–	2	7	8
Brompton H	28651	18	16	2	3	–	–	–	1	–	–	–	–	–	–	2	3
St. Peter Hammersmith	6662	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	24	21	7	4	–	1	–	–	–	–	–	–	–	2	5	2
Fulham *WLLLL*	23378	21	9	3	3	–	–	–	–	–	–	1	–	–	–	–	–
Chelsea South HH	26419	14	7	–	4	–	–	–	–	–	–	–	–	–	–	–	2
Chelsea North-west H*Ww*	23278	19	18	1	6	–	1	2	–	1	–	–	–	–	1	–	1
Chelsea North-east L	21389	16	9	2	–	–	1	–	–	–	–	–	–	–	–	2	–
Hanover Square	18700	2	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	2	6	–	4	–	–	–	–	–	–	–	–	–	–	–	2
Belgrave HH	58043	26	26	1	3	–	–	1	–	3	–	–	–	–	–	–	5
St. John Westminster HHH	38470	23	12	1	2	–	–	–	–	2	–	1	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	14	22	1	9	–	–	–	–	–	–	1	–	–	1	2	14
St. James's Square	10453	4	4	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Golden Square *W*	12855	10	6	1	–	–	–	–	–	1	–	2	–	–	–	–	1
Berwick-street	10279	5	4	1	2	1	–	–	–	–	–	–	1	–	1	1	–
St. Anne Soho HH	17555	11	12	1	3	–	–	–	–	2	–	–	–	–	–	–	2
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	14	17	4	1	1	–	–	–	2	–	–	–	–	–	2	3
Cavendish Square	15419	4	4	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	17	22	3	8	–	–	–	–	7	–	1	–	–	1	1	8
St. Mary Marylebone H	21795	20	7	1	3	–	1	–	–	–	–	–	–	–	–	1	–
Christchurch Marylebone	33892	17	11	2	3	–	–	–	–	1	–	1	–	–	–	1	–
St. John Marylebone	33110	26	16	2	6	–	–	–	–	2	–	1	–	–	–	–	–
Hampstead *WHH*	32271	9	27	3	3	13	2	–	–	–	–	–	–	–	1	2	13
Regent's Park Pancras	38192	21	22	5	6	1	–	1	–	–	–	–	–	–	–	2	–
Tottenham-court *w*H	29360	24	12	3	3	–	–	–	–	–	–	–	–	–	–	1	2
Gray's Inn Lane H	29216	15	12	4	1	–	–	–	–	3	–	–	–	–	1	2	–
Somers Town	38562	17	13	4	1	1	1	–	–	3	–	–	–	–	–	2	–
Camden Town *W*	18066	14	12	1	2	–	2	–	–	–	–	–	–	–	2	3	4
Kentish Town *W*	68198	47	41	9	9	3	2	–	–	–	–	1	–	–	3	5	9
Islington West* *WHHH*	97801	59	48	11	11	2	6	–	–	2	–	–	1	–	1	–	2
Islington East *Www*	115948	68	70	13	15	–	7	1	–	10	–	1	1	–	2	2	10
Stoke Newington L	9810	6	5	2	1	–	–	–	–	–	–	–	2	–	–	–	–
Stamford Hill	6599	7	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	17	9	3	3	–	1	–	–	–	–	–	–	–	1	–	–
Hackney *Ww*HL	50087	37	45	7	8	10	1	2	–	2	–	1	–	–	3	3	27
South Hackney L	30305	18	8	1	3	1	–	–	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	9	6	1	3	–	1	1	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	17	11	–	4	–	1	–	–	1	–	–	–	–	–	1	2
St. Giles North	16497	19	8	3	1	–	–	–	–	2	–	–	–	–	1	2	–
Long Acre	11326	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *WH*	9831	3	2	–	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	5	5	1	–	–	–	1	–	–	–	–	–	–	–	–	2
St. George-the-Martyr HHH	20521	7	13	3	3	–	1	–	–	–	–	1	–	1	–	2	1
St. Andrew East Holborn *W*	13528	4	11	–	1	–	–	–	–	–	–	–	–	–	1	2	7
Saffron Hill	9051	9	3	1	1	–	–	–	–	1	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	15	9	6	–	–	–	–	–	1	–	–	–	–	–	–	1
Amwell Clerkenwell	16878	12	8	4	3	–	–	–	–	–	–	–	–	–	1	2	–
Pentonville	18293	15	8	2	1	1	–	–	–	2	–	–	–	–	1	1	–
Goswell-street	16220	9	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Old-street	12156	10	9	1	1	–	–	–	–	2	–	–	–	–	–	–	–
City-road *WHHL*	18291	19	18	5	2	5	1	–	–	1	–	–	–	–	1	–	–
Whitecross-street	13790	8	5	2	–	1	–	–	–	–	–	–	–	–	1	1	–
Finsbury	10732	6	4	–	2	–	–	–	–	1	–	–	–	–	–	–	–
St. Botolph East London HH	14484	8	7	2	1	–	–	–	–	–	–	–	–	–	–	–	1
Cripplegate	13639	13	7	4	2	–	–	–	–	–	–	–	–	–	–	1	–
St. Sepulchre H	7562	3	15	1	1	–	–	–	–	–	–	–	–	–	1	4	12
St. Bride *W*	11184	5	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	5	–	1	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

* The Small-pox and Fever Hospitals are situated in the sub-district of Islington West.

† Officials of Public Institutions are not included.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 13th January 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	7	4	2	1	-	-	-	-	3	-	-	-	-	-	1	-
St. Leonard Shoreditch HL†	16545	14	11	5	2	-	1	-	-	1	-	-	-	-	1	1	2
Hoxton New Town *w*	27832	26	22	3	16	1	-	-	-	-	-	1	-	-	1	3	11
Hoxton Old Town	26944	29	10	5	-	-	1	-	-	1	-	-	-	-	1	1	-
Haggerstone West *W*	24153	25	20	4	3	-	2	-	-	1	-	-	-	-	-	-	8
Haggerstone East	19257	19	6	3	-	-	1	-	-	-	-	-	-	1	-	-	-
Hackney-road	29808	26	18	2	4	1	-	1	-	2	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42443	32	28	2	5	2	1	-	-	-	-	-	-	-	1	7	10
Church, Bethnal Green	26574	29	11	1	3	-	-	-	-	-	-	-	-	-	3	4	-
Town, Bethnal Green	21375	24	16	5	2	-	-	-	-	-	-	-	-	1	3	6	-
Artillery Whitechapel	6651	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spitalfields	15844	11	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Mile End New Town *W*	15550	15	7	3	1	-	-	-	-	-	-	-	-	-	-	-	4
Whitechapel North	11434	12	6	1	-	1	1	-	1	2	-	-	-	-	-	1	-
Whitechapel Church H	7323	6	11	1	-	1	-	-	-	-	-	-	-	-	1	1	8
Goodman's Fields	10381	7	6	3	2	-	-	-	-	1	-	-	-	-	-	1	-
Aldgate	9149	7	8	2	-	1	-	-	-	-	-	-	-	-	1	2	-
St. Mary St. George East	17906	12	8	1	2	-	-	3	-	-	-	-	-	-	-	-	-
St. Paul St. George East	21356	16	8	1	1	-	-	1	-	1	-	-	-	-	1	1	-
St. John St. George East *W*	8973	4	7	-	2	-	-	-	-	1	-	-	-	-	-	-	4
Shadwell *W*	11623	7	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-
Ratcliff *WH*	15930	8	5	3	-	1	-	-	-	2	-	-	-	-	1	1	-
Limehouse *W*	30025	26	13	5	2	-	-	-	-	1	-	2	-	-	1	2	-
Mile End Old Town West	38126	35	16	-	5	1	-	-	-	-	-	1	-	-	-	1	-
Mile End Old Town East *WwH*	55020	42	23	6	6	1	-	-	-	2	-	-	-	-	-	2	3
Bow *WwHL*†	67777	60	43	9	10	1	5	-	-	3	-	1	1	-	3	4	12
Poplar *W*	48500	40	20	4	2	5	1	-	-	1	-	-	-	-	-	-	2
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	7	5	-	3	-	-	-	-	1	-	-	-	-	-	-	-
St. Saviour Southwark H	15667	14	6	3	-	-	-	-	-	2	-	-	-	-	-	-	-
Kent-road	20430	16	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road *WH*	16694	9	14	4	5	-	2	-	-	-	-	-	1	-	-	-	3
London-road L	18959	20	10	3	4	-	-	-	-	1	-	-	-	-	-	-	2
Trinity Newington	23673	31	14	4	2	1	1	-	-	1	-	-	-	-	-	1	-
St. Peter Walworth *W*	48232	34	32	6	9	1	-	-	-	-	1	2	-	-	-	-	9
St. Mary Newington H	16786	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark H	4157	4	14	-	4	-	-	-	-	-	-	-	-	-	2	2	11
St. John Horsleydown *W*	10595	3	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Leather Market	16785	17	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Mary Magdalen *W*	15707	21	7	1	2	-	-	-	-	-	-	-	-	-	-	-	2
St. James Bermondsey	47921	31	24	7	5	-	-	-	-	5	-	-	-	-	-	1	-
Rotherhithe *W*	25873	15	16	3	2	-	2	-	-	1	-	-	-	-	-	-	-
Waterloo-road 1st H	14086	11	8	2	1	-	-	-	-	1	-	1	-	-	-	-	-
Waterloo-road 2nd H	18453	29	8	3	-	1	-	-	-	1	-	-	1	-	1	1	1
Lambeth Church 1st	19470	13	14	7	3	1	1	-	-	3	-	-	-	-	2	2	5
Lambeth Church 2nd *W*	33831	38	30	12	6	-	-	-	-	5	1	-	-	-	1	1	10
Kennington 1st *W*	41284	33	13	4	6	-	-	-	-	-	-	-	-	-	-	1	-
Kennington 2nd	31213	15	9	2	2	1	1	-	-	1	-	-	-	-	-	-	-
Brixton HL	35431	24	29	3	4	17	-	1	-	1	-	-	-	-	-	-	17
Norwood *W*	12534	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Clapham HL	27348	15	9	4	2	1	-	-	-	1	1	-	-	-	-	-	-
Battersea *W*	53988	62	34	10	4	-	2	-	-	2	-	2	2	-	1	1	8
Wandsworth HL	19797	12	10	1	2	-	-	-	-	1	-	-	1	-	-	-	2
Putney	9438	5	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14479	18	6	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Dulwich	4041	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31251	25	14	4	3	-	-	-	-	3	-	-	-	-	-	-	1
Peckham *W*	42159	34	14	4	2	-	-	2	-	1	-	-	-	-	1	1	-
St. George Camberwell	33851	29	25	7	5	2	-	-	-	6	-	2	-	-	1	1	-
St. Paul Deptford	53696	44	8	1	3	1	-	-	-	-	-	-	-	-	-	-	-
St. Nicholas Deptford	6487	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21098	9	7	1	2	3	-	-	-	-	-	-	-	-	-	-	-
Greenwich East *WH*	19320	18	10	2	4	-	-	-	-	1	-	-	-	-	-	1	5
Eltham	4528	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16430	9	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *W*	11508	7	7	1	2	-	-	-	-	-	-	-	-	-	1	-	-
Sydenham	19016	21	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Charlton H	9503	6	6	1	1	-	-	1	-	-	-	-	1	-	-	-	4
Woolwich Dockyard	17229	14	5	1	3	-	-	-	-	-	-	-	-	-	-	1	-
Woolwich Arsenal H	18319	15	7	1	2	1	-	1	-	-	-	-	-	-	-	-	-
Plumstead West	13023	4	4	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead East *W*	15290	9	8	3	1	-	-	-	-	-	-	1	-	-	-	-	-

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th JANUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point and Air Temperature. Greatest.	DIFFERENCE Between Dew Point and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	7	..	29·285	43·2	37·2	6·0	40·4	37·5	68·5	29·6	41·9	39·8	2·9	4·4	1·4	+ 4·6	90	SW.	SW & SSW	6·8	0·0	0·5	348	0·18	..
MONDAY .	8	..	29·151	41·4	32·5	8·9	35·8	31·4	44·1	27·4	41·4	38·5	4·4	6·4	2·3	+ 0·1	84	WNW.&W.	NW. & W.	1·4	0·0	0·3	318	0·00	..
TUESDAY .	9	Greatest Dec. S.	29·467	40·7	32·5	8·2	36·7	32·8	44·0	27·8	40·6	38·2	3·9	6·7	2·3	+ 0·9	85	WNW. & NNW.	NNW. & NNE.	2·5	0·0	0·3	297	0·08	..
WEDNESDAY	10	Perigee Full.	29·932	39·7	32·2	7·5	35·5	34·1	54·7	25·3	39·6	36·6	1·4	6·2	0·0	— 0·4	94	Calm.	Calm & SSW.	1·0	0·0	0·0	83	0·00	..
THURSDAY .	11	..	29·712	50·8	39·2	11·6	44·5	43·3	54·5	33·0	39·2	36·0	1·2	4·8	0·0	+ 8·5	95	SSW. & SW.	WSW.& W.	3·9	0·0	0·5	325	0·17	..
FRIDAY .	12	..	29·992	46·3	36·0	10·3	41·3	39·3	63·3	30·9	39·0	35·9	2·0	4·4	1·2	+ 5·2	92	WSW.	SW.	1·2	0·0	0·1	241	0·00	..
SATURDAY .	13	..	29·693	51·0	45·3	5·7	47·7	45·7	51·0	40·2	38·6	36·3	2·0	1·9	1·3	+11·5	93	SW.	SSW. & SW.	13·6	0·0	0·9	439	0·28	..
MEANS . .		..	29·605	44·7	36·4	8·3	40·3	37·7	54·3	30·6	40·0	37·3	2·5	5·0	1·2	+ 4·3	90	SW.		..	..	..	Sum 2051	Sum 0·71	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JANUARY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	7	Apparatus under repair.	Rain fell heavily in the early morning, and again at night. Very fine and sky nearly cloudless at midday; cloudy at other times.
MONDAY .	8		Variable amounts of cloud prevalent. Generally fine. Hoar frost in the evening. Rain commenced falling about midnight.
TUESDAY .	9		Rain and snow in early morning, and thin rain in the evening. Hazy and misty throughout. Generally cloudy, with the exception of a short period at noon.
WEDNESDAY	10		Dense fog prevalent till the afternoon. Generally overcast.
THURSDAY .	11	Weak positive at night.	Rain fell between 3h. and 10h. A.M., and occasionally afterwards. Overcast till noon; the clouds then gradually cleared away, and it was cloudless after 6h. P.M.
FRIDAY .	12	Positive, with variable tension shown frequently.	A fine morning, with light clouds. Generally cloudy after mid-day. Solar halo in the afternoon.
SATURDAY .	13	No electricity shown.	Overcast till night; then slightly variable. Rain fell thinly in the morning, but more heavily in the afternoon and evening.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·44 in. at the beginning of the week to 29·11 in. by 9h. A.M. on the 8th; increased to 29·95 in. by 9h. A.M. on the 10th; remained at about this value till after noon; decreased to 29·68 in. by noon on the 11th; increased to 30·01 in. by noon on the 12th; and was 29·53 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
22d January 1872.

United Kingdom.

During the week ending Saturday the 20th instant, 5443 *births* and 3893 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 27 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 35 per 1000 persons living, in Glasgow 30 per 1000, and in Dublin 31 ; the fatal cases of small-pox in Dublin, which had been 36 and 63 in the two previous weeks, were 41 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 26 per 1000; Portsmouth 20, Norwich 37, Bristol 27, Wolverhampton 47, Birmingham 20, Leicester 25, Nottingham 43, Liverpool 25, Manchester 32, Salford 27, Oldham 28, Bradford 28, Leeds 28, Sheffield 34, Hull 29, Sunderland 34, and Newcastle-upon-Tyne 27. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 288, 283, and 261, were last week 279 ; of these, 93 occurred in London, 45 in Sheffield, 32 in Norwich, 26 in Wolverhampton, 20 in Nottingham, 12 in Bristol, 10 in Newcastle-upon-Tyne, 9 in Birmingham, 6 each in Sunderland, Hull, and Portsmouth, 4 in Salford, 3 in Leeds, 2 each in Manchester and Liverpool, and one in Leicester. Bradford was the only town of the eighteen in which no fatal case was returned. The annual death-rate from this disease was equal to 21 per 1000 in Norwich, 20 in Wolverhampton, 12 in Nottingham, 9 in Sheffield, 4 in Newcastle, 3 each in Bristol, Sunderland, Hull, and Portsmouth, and to 2 per 1000 in Salford ; these rates showed a considerable increase upon those of the previous week in Norwich and Bristol, while they had declined in Hull and Newcastle. Whooping-cough is somewhat fatally prevalent in Liverpool, Manchester, Birmingham, and Leeds.

London.

In London 2465 births and 1628 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 85, while the deaths were 197 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes has been 26 per 1000 during each of the three past weeks ; the rate last week was equal to 21 per 1000 in the West, 28 in the North, 32 in the Central, 28 in the East, and 24 in the South Districts.

The 1628 deaths included 93 from small-pox, 60 from measles, 34 from scarlet fever, 6 from diphtheria, 115 from whooping-cough, 48 from different forms of fever (of which 7 were certified as typhus, 35 as enteric or typhoid, and 6 as simple continued fever), and 10 from diarrhœa ; thus to the seven principal diseases of the zymotic class 366 deaths were referred, against 324 and 326 in the two preceding weeks. The fatal cases of scarlet fever, measles, and enteric fever, each showed an increase upon those in the previous week. The deaths from measles were above the average in Hammersmith, Grays Inn Lane, St. George-the-Martyr (Holborn), Bow, and St. Paul (Deptford) sub-districts ; from scarlet fever in Islington, Clapham, and Peckham ; and from whooping-cough in Kensington, Westminster, Pancras, Islington, Shoreditch, Mile End Old Town, and Camberwell. Five deaths from enteric fever were returned in Hackney, and two each in St. Mary (Paddington), Kensington Town, Old-street (Holborn), Hackney-road, (Bethnal Green), and St. George (Camberwell) sub districts.

The deaths from small-pox in the past five weeks have been all but stationary, ranging only between 90 and 97 ; the 93 last week exceeded by no less than 56 the corrected average weekly number in the corresponding week of the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and

Stockwell, 36 fatal cases were recorded last week, against 27 and 42 in the two previous weeks. Six deaths from this disease were returned in St. George (Camberwell), five in Woolwich Arsenal, and four in Bow sub-districts; the five fatal cases in Woolwich Arsenal sub-district included no less than four of unvaccinated children, aged from two to six years, who died in North Woolwich between 13th and 19th instant. Such neglect of vaccination, after an epidemic of small-pox has prevailed in London for more than twelve months, appears unaccountable, and is one of the results of our present ineffective sanitary legislation.

The mean temperature of the air at Greenwich during last week was 39°·1, and 2°·5 above the average in the corresponding week of fifty years; on Monday and Tuesday the mean was slightly below the average, while an excess prevailed on each of the other days. To diseases of the respiratory organs, including phthisis, 561 deaths were referred last week, against 582 in the previous week; these 561 deaths were 93 below the corrected average weekly number in the corresponding week of the last ten years.

To different forms of violence 60 deaths were referred; of these, 49 were the result of accident or negligence, including 17 from fractures and contusions, 10 from burns and scalds, 3 from drowning, and 17, of infants, from suffocation. Of the deaths from fractures and contusions 2 were caused by horses or vehicles in the streets: a man, aged 90 years, who died in Church-road, Islington; and the wife of a cooper, who was pushed under a dray on London Bridge by her husband.

In the large Public Institutions 281 deaths were recorded, or 17 per cent. of the total deaths; of these 132 occurred in Workhouses and 141 in Hospitals.

Foreign Cities.

In Paris 752 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 96 deaths occurred in the week ending the 13th instant, and the annual death-rate was 27 per 1000. In Vienna the 408 deaths in the week ending the 13th gave an annual rate of 34 per 1000. In Rome 258 deaths were registered in the week ending the 7th, and the annual death-rate was 60 per 1000; the deaths included 42 from small-pox, 22 from different forms of fever, and 8 from diphtheria.

In the City of New York 472 deaths were registered in the week ending the 30th December, and the equivalent annual rate of mortality was 26 per 1000.

In Bombay the deaths registered during the week ending the 26th ultimo were 299, and the mortality was at the annual rate of 19 per 1000. In Madras the 257 deaths in the week ending the 15th ultimo showed an annual death-rate equal to 31 per 1000 of the population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·47 in.; the highest reading was 29·90 in. on Sunday evening, and the lowest 28·80 in. on Thursday morning. The mean temperature of the *air* was 39°·1, or 2°·5 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature was slightly below the average on Monday and Tuesday, while an excess prevailed on each of the other days; on Monday the mean was 35°·1 or 1°·3 below the average, while on Thursday it was 42°·6 and showed an excess of 5°·9. The highest day temperature in the shade was 48°·1 on Thursday, and the lowest night temperature 28°·3 on Monday; the entire range of temperature in the week was, therefore, 19°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 73°·0 on Thursday. The difference between the mean *dew-point* temperature and *air* temperature averaged 3°·0. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 39°·7. The mean degree of *humidity* of the air was 89, complete saturation being represented by 100. The general direction of the *wind* was W.S.W. and S.SW., and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on the last four days of the week, amounting to ·54 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 37°·5 in Manchester, to 42°·0 in Bradford; the lowest recorded night temperature was 24°·0 in Manchester, and the highest day temperature in the shade 55°·0 in Leeds. Rather more than an inch of rain fell in Portsmouth; the amount measured in the other towns varied from ·02 of an inch in Newcastle, to ·83 in Norwich.

In Centigrade degrees the mean temperature of the air at Greenwich was 4°·0, or 1°·4 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 8°·9, the lowest night temperature showed 2°·1 of frost, and the highest temperature in the sun was 22°·8. The wind blew at the rate of 19 kilometres an hour, and the rain-fall measured 1·37 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Barking was 307,119 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRD Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1996	1931	2076	2122	2246	2189	2202	2276	2239	2362	2163·9	2465
Males . .	1007	984	1063	1053	1149	1131	1129	1125	1130	1187	1095·8	1309
Females .	989	947	1013	1069	1097	1058	1073	1151	1109	1175	1068·1	1156
TOTAL **Deaths**	1391	1477	2180	1585	1569	1714	1596	1578	1652	1846	1658 8	1628
Males . .	677	739	1007	818	768	817	800	781	842	915	816·4	779
Females .	714	738	1173	767	801	897	796	797	810	931	842·4	849

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Oct. 28.	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.
TOTAL **Deaths** - - -	1364	1400	1365	1626	1863	1918	1856	2121	1943	1686	1619	1632	1628
Deaths under 5 years of age -	527	552	571	688	742	813	809	865	813	701	684	663	652
Deaths 5—20 - - -	115	129	106	119	118	121	126	133	119	122	103	110	114
Deaths 20—40 - - -	213	201	206	222	250	233	247	272	254	224	225	215	227
Deaths 40—60 - - -	230	224	209	239	342	315	284	352	319	281	266	283	264
Deaths 60—80 - - -	236	230	221	296	338	359	322	409	361	292	280	306	301
Deaths at 80 years & upwards	43	64	52	62	73	77	68	90	77	66	61	55	70
Deaths from Smallpox - -	61	61	54	76	67	78	104	106	90	97	91	90	93
„ „ Measles - -	36	45	42	49	60	83	81	97	102	75	67	51	60
„ „ Scarlet Fever -	31	38	32	40	34	39	34	37	28	34	24	23	34
„ „ Diphtheria -	6	4	5	6	4	10	10	7	3	2	3	3	6
„ „ Whooping-cough	40	51	42	36	64	72	85	99	117	79	92	115	115
„ „ Typhus fever -	4	4	6	5	4	12	6	9	6	4	2	4	7
„ „ Enteric (or Typhoid) fever -	23	36	32	27	27	19	35	23	32	33	26	25	35
„ „ Simple Contd fever	10	7	7	7	13	8	10	10	12	8	12	12	6
„ „ Diarrhœa - -	32	19	21	17	7	16	14	15	13	9	7	3	10
„ „ Simple Cholera -	1	—	2	—	—	—	—	—	—	—	—	—	—
„ „ Phthisis - -	157	166	162	160	219	168	179	224	182	164	160	162	171
„ „ Bronchitis - -	179	190	180	287	330	457	357	482	364	302	278	278	262
„ „ Pneumonia -	84	81	105	115	162	132	155	139	117	101	97	96	75
„ „ Heart Disease -	74	71	61	85	88	103	77	93	99	77	74	62	91
Mean Temperature of the Air	°46·9	°47·3	°39·2	°35·3	°34·3	°36·4	°29·8	°39·9	°41·6	°43·0	°41·5	°40·3	°39·1
Mean Temperature of the Water of the Thames -	51·6	49·8	46·6	42·1	38·5	38·0	36·0	34·3	37·7	39·9	40·5	38·7	39·7
Humidity of the Air - -	90	81	84	84	86	89	81	90	92	89	84	90	89
Rain-fall in inches - -	0·01	0·04	0·03	0·29	0·10	0·12	0·04	0·10	0·51	0·56	1·19	0·71	0·54

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield: J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 20th day of January 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 20th Jan. 1872.	DEATHS registered during the Week ending 20th Jan. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5443	3893	55·0	24·0	39·6	4·22	0·61	1·55
LONDON	77,997	3,312,531	42·5	2465	1628	48·1	28·3	39·1	3·95	0·54	1·37
PORTSMOUTH	9,513	115,455	12·1	75	45	49·8	27·4	40·2	4·55	1·08	2·74
NORWICH	7,472	81,105	10·9	52	57	47·0	28·0	38·1	3·39	0·83	2·11
BRISTOL	4,688	186,428	39·8	141	95	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	53	62	50·3	30·6	39·1	3·95	0·41	1·04
BIRMINGHAM	7,831	350,164	44·7	280	133	52·2	30·6	39·9	4·39	0·75	1·90
LEICESTER	3,200	99,143	31·0	83	48	49·5	26·7	37·6	3·11	0·43	1·09
NOTTINGHAM	1,996	88,225	44·2	67	72	52·1	26·6	39·1	3·95	0·55	1·40
LIVERPOOL	5,108	499,897	97·9	406	236	52·5	28·9	39·8	4·33	0·55	1·40
MANCHESTER	4,486	352,759†	78·6	272	214	51·0	24·0	37·5	3·06	0·79	2·01
SALFORD	5,172	127,923	24·7	104	65	51·7	28·9	39·0	3·89	0·71	1·80
OLDHAM	4,167	84,004	20·2	69	45	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	93	81	54·2	33·0	42·0	5·56	0·49	1·24
LEEDS	21,372	266,564	12·4	153	115	55·0	31·0	41·7	5·39	0·38	0·97
SHEFFIELD	22,830	247,847	10·9	167	163	52·0	28·7	40·2	4·55	0·60	1·52
HULL	3,562	124,976	35·1	89	70	46·0	28·0	37·7	3·17	0·62	1·57
SUNDERLAND	3,306	100,635	30·4	85	66	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	112	68	53·0	32·0	40·2	4·55	0·02	0·05
EDINBURGH	4,427	205,146	46·3	170	136	50·0	32·0	41·0	5·00	0 50	1·27
GLASGOW	5,068	489,136	94·8	358	277	52·0	32·2	41·4	5·22	1·42	3·61
DUBLIN	9,745	310,565	31·9	149	187	54·0	26·0	39·7	4·28	0·24	0·61

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the correct population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The number for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 20th day of January 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	27	3293	743	662	279	88	76	10	198	101	23	122	206	480
LONDON	26	1628	339	371	93	60	34	6	115	48	10	60	111	231
PORTSMOUTH	20	45	14	7	6	2	1	–	–	1	–	2	2	11
NORWICH	37	57	8	5	32	–	–	–	–	1	–	2	2	5
BRISTOL	27	95	27	21	12	1	–	–	6	1	1	3	4	13
WOLVERHAMPTON	47	62	13	9	26	–	2	–	2	1	–	–	–	4
BIRMINGHAM	20	133	32	27	9	–	3	1	11	2	3	10	16	24
LEICESTER	25	48	15	13	1	1	–	–	2	2	–	–	–	12
NOTTINGHAM	43	72	20	12	20	1	–	–	–	3	–	2	5	19
LIVERPOOL	25	236	66	49	2	3	6	–	16	7	2	13	20	29
MANCHESTER	32	214	42	35	2	1	8	–	22	6	1	7	13	28
SALFORD	27	65	10	11	4	1	2	–	2	2	–	3	5	4
OLDHAM	28	45	14	5	2	1	4	–	3	–	–	3	4	3
BRADFORD	28	81	20	14	–	1	2	2	2	7	4	–	–	8
LEEDS	28	145	45	28	3	2	1	–	9	5	1	3	4	7
SHEFFIELD	34	163	32	22	45	4	8	–	3	5	1	5	9	6
HULL	29	70	16	12	6	3	1	–	3	1	–	3	4	4
SUNDERLAND	34	66	16	10	6	6	4	–	–	7	–	2	2	9
NEWCASTLE-ON-TYNE	27	68	14	11	10	1	–	1	2	2	–	4	5	13
DUBLIN	31	187	28	38	41	–	5	3	–	10	4	1	2	57

Table 5.—Deaths in London Registered in the Third Week of the Year 1872.

Causes of Death.	Averages of the Third Week of the 10 years 1862-71.	In the Week ending Saturday, January 20, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature	38·0	39·1						
All Causes	1658·8	1623	652	114	227	264	301	70
Specified Causes	1641·1	1624	650	113	227	264	300	70
Zymotic Diseases.								
Order 1.								
Small-pox	34·0	93	39	24	25	5	-	-
Measles	33·9	60	58	1	-	1	-	-
Scarlet Fever (Scarlatina)	65·7	34	23	11	-	-	-	-
Diphtheria	10·0	6	5	1	-	-	-	-
Quinsy	1·2	-	-	-	-	-	-	-
Croup	16·3	15	10	5	-	-	-	-
Whooping-cough	67·1	115	111	4	-	-	-	-
Typhus	55·4	7	-	3	2	1	1	-
Enteric or Typhoid Fever		35	6	10	11	2	5	1
Simple continued Fever		6	1	3	-	-	2	-
Erysipelas	7·7	12	7	-	-	1	4	-
Puerperal Fever (Metria)	5·5	5	-	-	5	-	-	-
Carbuncle	1·3	-	-	-	-	-	-	-
Influenza	3·3	1	-	-	-	-	1	-
Dysentery	2·0	1	1	-	-	-	-	-
Diarrhœa	13·9	10	6	-	1	1	2	-
Simple Cholera	·4	-	-	-	-	-	-	-
Ague	·4	-	-	-	-	-	-	-
Remittent Fever	·9	-	-	-	-	-	-	-
Rheumatism	8·4	11	-	5	3	3	-	-
Other *Zymotic* Diseases	·2	-	-	-	-	-	-	-
Order 2.								
Syphilis	8·3	7	5	-	2	-	-	-
Stricture of Urethra	1·5	1	-	-	-	-	1	-
Hydrophobia	—	-	-	-	-	-	-	-
Glanders	—	-	-	-	-	-	-	-
Order 3.								
Privation	1·5	-	-	-	-	-	-	-
Want of Breast-milk	7·9	14	14	-	-	-	-	-
Purpura and Scurvy	1·8	5	2	1	1	-	1	-
Alcoholism: *a* Del. Tremens	2·1	2	-	-	2	-	-	-
Alcoholism: *b* Intemperance	1·5	-	-	-	-	-	-	-
Order 4.								
Thrush	2·4	3	3	-	-	-	-	-
Worms, &c.	·2	-	-	-	-	-	-	-
Constitutional Dis.								
Order 1.								
Gout	1·9	4	-	-	-	-	4	-
Dropsy	13·9	10	1	-	2	3	4	-
Cancer	30·0	31	-	-	5	12	14	-
Cancrum Oris (Noma)	·7	1	1	-	-	-	-	-
Mortification	4·4	4	-	-	-	-	3	1
Order 2.								
Scrofula	6·4	9	5	1	2	1	-	-
Tabes Mesenterica	14·6	19	17	2	-	-	-	-
Phthisis	178·7	171	7	15	83	60	6	-
Hydrocephalus	29·4	23	20	2	1	-	-	-
Local Diseases.								
Order 1.								
Cephalitis	14·7	12	7	3	-	2	-	-
Apoplexy	38·6	37	3	-	2	8	21	3
Paralysis	38·7	21	-	1	1	6	10	3
Insanity	2·1	1	-	-	-	1	-	-
Chorea	·2	-	-	-	-	-	-	-
Epilepsy	6·3	4	2	-	-	-	1	1
Convulsions	53·9	40	39	-	-	1	-	-
Brain Disease, &c.	17·7	14	1	1	3	4	4	1
Order 2.								
Pericarditis	2·0	4	-	1	2	-	1	-
Aneurism	2·7	4	-	-	1	1	2	-
Heart Disease, &c.	74·6	91	1	7	12	30	39	2
Order 3.								
Laryngitis	7·9	6	4	-	-	1	-	1
Bronchitis	260·5	262	75	2	18	49	95	23
Pleurisy	4·5	4	-	-	-	3	1	-
Pneumonia	99·9	75	47	2	4	11	11	-
Asthma	25·4	21	-	-	1	13	7	-
Lung Disease, &c.	17·3	22	11	-	1	8	2	-
Order 4.								
Gastritis	2·1	2	-	-	1	-	1	-
Enteritis	5·0	1	-	-	-	-	1	-
Peritonitis	5·3	5	1	-	4	-	-	-
Ascites	3·0	1	-	-	-	-	1	-
Ulceration of Intestines	2·8	-	-	-	-	-	-	-
Hernia	4·9	2	-	-	1	-	-	1
Ileus	3·4	3	1	-	2	-	-	-
Intussusception	1·0	1	1	-	-	-	-	-
9. Stricture of Intestines	1·0	-	-	-	-	-	-	-
10. Fistula	·2	1	-	-	1	-	-	-
11. *Stomach Disease, &c.*	7·1	4	-	-	-	2	2	-
12. *Pancreas Disease, &c.*	·1	-	-	-	-	-	-	-
13. Hepatitis	3·0	1	-	-	-	-	1	-
14. Jaundice	3·4	3	1	-	-	-	2	-
15. *Liver Disease, &c.*	15·7	15	1	1	2	7	4	-
16. *Spleen Disease, &c.*	·2	1	-	-	-	-	1	-
Order 5.								
1. Nephritis	2·1	3	1	-	1	-	1	-
2. Ischuria	—	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	10·7	16	-	-	3	10	2	1
4. Diabetes	2·4	1	-	-	-	1	-	-
5. Calculus (Stone)	·6	-	-	-	-	-	-	-
6. Cystitis	1·3	1	-	-	-	1	-	-
7. *Kidney Disease, &c.*	9·3	2	-	-	2	-	-	-
Order 6.								
1. Ovarian Dropsy	·8	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	3·6	2	-	-	2	-	-	-
Order 7.								
1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	5·2	5	-	1	1	2	1	-
Order 8.								
1. Phlegmon	1·4	2	1	-	-	1	-	-
2. Ulcer	·6	1	-	-	-	1	-	-
3. *Skin Disease, &c.*	·7	2	1	-	-	1	-	-
IV. Developmental Diseases.								
Order 1.								
1. Premature Birth	22·0	16	16	-	-	-	-	-
2. Cyanosis	1·2	1	1	-	-	-	-	-
3. Spina Bifida	·8	-	-	-	-	-	-	-
4. Other Malformations	1·1	-	-	-	-	-	-	-
5. Teething	21·0	11	11	-	-	-	-	-
Order 2.								
1. Paramenia	·2	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	6·2	7	-	-	6	1	-	-
Order 3.								
1. Old Age	79·1	59	-	-	-	-	29	30
Order 4.								
1. Atrophy and Debility	58·7	62	55	-	-	-	7	-
V. Violent Deaths, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	15·5	17	-	2	5	3	5	2
2. Wounds: Gunshot	·8	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		10	7	3	-	-	-	-
3. Burns and Scalds	10·1	1·4	-	-	-	-	-	-
4. Poison	1·4	4·2	3	-	1	1	1	-
5. Drowning	4·2	9·5	17	17	-	-	-	-
6. Suffocation	9·5	2·8	2	1	-	1	-	-
7. Otherwise	2·8							
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·7	3	2	-	1	-	-	-
Order 4. (Suicide.)								
1. Wounds: Gunshot	·3	-	-	-	-	-	-	-
1. Wounds: Cut, Stab	1·4	5	-	-	1	4	-	-
2. Poison	·5	-	-	-	-	-	-	-
3 Drowning	·6	1	-	-	1	-	-	-
4. Hanging	1·7	1	-	-	1	-	-	-
5. Otherwise	·2	-	-	-	-	-	-	-
Order 5. (Execution.)								
1. Hanging	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·3	1	-	-	-	1	-	-
Sudden Deaths (Cause unascertained)	4·7	1	1	-	-	-	-	-
Causes not specified or ill-defined	13·0	3	1	1	-	-	1	-

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
LONDON	3,251,804	2465	1628	339	371	93	60	34	6	115	7	35	6	10	60	111	281
WEST DISTRICTS	561,189	388	228	47	57	4	8	2	2	16	2	6	1	1	4	10	32
NORTH DISTRICTS	751,668	529	406	78	107	38	20	9	1	27	2	11	2	2	19	37	88
CENTRAL DISTRICTS	333,887	213	198	33	45	2	7	–	–	12	–	3	–	1	11	22	42
EAST DISTRICTS	638,928	518	345	84	61	17	16	6	–	31	1	5	–	3	14	28	52
SOUTH DISTRICTS	965,132	817	451	97	101	32	9	17	3	29	2	10	3	3	12	14	60
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	39	22	3	6	–	–	–	–	3	–	2	–	–	1	1	5
St. John Paddington H	38082	10	13	1	5	–	1	–	–	–	–	1	–	–	–	–	3
Kensington Town *WL*	91583	39	25	8	7	2	–	–	–	4	–	2	–	–	–	–	–
Brompton H	28651	25	11	3	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	4	5	1	–	–	1	–	–	–	1	–	–	–	–	–	–
St. Paul Hammersmith H	36030	28	20	6	6	–	3	–	–	1	–	–	–	–	1	1	1
Fulham *WLLLL*	25378	20	16	4	2	–	1	–	–	–	–	–	–	1	–	–	2
Chelsea South HH	26419	16	22	4	7	–	–	1	1	–	–	–	–	–	–	2	4
Chelsea North-west H*Ww*	23278	18	10	2	3	–	–	–	–	2	–	–	–	–	–	–	1
Chelsea North-east L	21389	11	7	1	2	–	1	–	–	–	–	–	–	–	–	1	1
Hanover Square	18700	9	5	2	1	–	–	–	–	–	–	1	–	–	–	–	–
May Fair *W*	13020	7	4	–	2	–	–	–	1	–	–	–	–	–	–	–	–
Belgrave HH	58043	23	27	4	5	–	–	1	–	1	–	–	–	1	–	2	4	12
St. John Westminster HHH	38470	29	21	4	3	–	–	–	–	5	1	–	–	–	–	–	1
St. Margaret Westminster *WWHH*	27640	17	7	1	1	–	–	–	–	–	–	–	–	–	–	1	3
St. James's Square	10453	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	11	7	–	4	1	1	–	–	–	–	–	–	–	–	–	2
Berwick-street	10279	17	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	11	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	20	24	2	5	–	–	–	–	1	–	1	–	–	4	4	10
Cavendish Square	15419	4	5	–	4	–	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	12	19	3	4	1	–	–	–	–	–	–	–	–	1	–	11
St. Mary Marylebone H	21795	36	15	1	1	–	1	–	–	1	–	–	–	–	–	–	–
Christchurch Marylebone	33892	13	15	5	4	2	1	–	–	1	–	–	–	–	1	1	–
St. John Marylebone	33110	19	18	1	7	–	–	–	–	1	–	1	–	–	–	1	–
Hampstead *WHH*	32271	18	20	–	3	14	1	–	–	–	–	–	–	–	–	–	14
Regent's Park Pancras	38192	27	17	6	5	1	–	–	–	4	–	–	1	–	–	–	–
Tottenham-court *wH*	29360	15	18	4	10	1	–	–	–	1	1	1	–	–	–	–	6
Gray's Inn Lane H	29216	21	22	8	3	–	4	–	–	2	–	1	–	–	1	3	5
Somers Town	38562	34	15	4	4	1	1	–	1	–	–	–	–	–	–	–	–
Camden Town *W*	18066	21	22	3	11	–	–	–	–	1	–	–	–	–	2	9	12
Kentish Town *W*	68198	42	24	7	6	–	1	–	–	3	–	–	–	1	–	1	3
Islington West* *WHHH*	97801	81	44	9	9	2	3	4	–	5	–	1	–	1	4	4	3
Islington East *Www*	115948	82	49	11	14	1	2	2	–	3	1	–	1	–	2	5	5
Stoke Newington L	9810	7	5	2	–	–	–	1	–	–	–	–	–	–	–	1	–
Stamford Hill	6599	3	4	–	1	–	–	–	–	–	–	–	–	–	–	1	–
West Hackney	28076	24	21	4	6	–	2	1	–	1	–	1	–	–	2	3	–
Hackney *Ww*HL	50087	30	50	7	8	13	2	1	–	3	–	5	–	–	2	4	19
South Hackney L	30305	20	9	1	2	2	2	–	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	8	6	2	1	–	–	–	–	2	–	–	–	–	–	–	–
St. Giles South *WH*	19089	17	11	2	3	–	–	–	–	–	–	–	–	–	1	2	3
St. Giles North	16497	10	3	2	1	–	–	–	–	–	–	–	–	–	1	1	–
Long Acre	11326	6	8	1	1	–	–	–	–	–	–	–	–	–	–	1	–
Charing Cross *WH*	9831	3	6	1	2	–	–	–	–	–	–	–	–	–	–	–	3
St. Mary-le-Strand	9376	5	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	6	–	1	–	–	–	–	1	–	–	–	–	–	–	3
St. George-the-Martyr HHH	20521	9	18	1	4	–	3	–	–	–	–	–	–	1	–	2	1
St. Andrew East Holborn *W*	13528	13	22	2	8	–	–	–	–	1	–	–	–	–	1	2	14
Saffron Hill	9051	11	7	–	2	–	–	–	–	2	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	13	7	2	1	–	–	–	–	1	–	–	–	–	–	–	1
Amwell Clerkenwell	16878	11	9	2	2	1	1	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	10	10	5	1	–	1	–	–	3	–	–	–	–	–	1	–
Goswell-street	16220	6	9	2	3	–	–	–	–	–	–	–	–	–	1	1	–
Old-street	12156	16	7	–	–	–	1	–	–	–	–	2	–	–	–	–	–
City-road *WHHL*	18291	18	13	2	2	–	–	–	–	1	–	1	–	–	1	2	2
Whitecross-street	13790	6	3	–	–	1	–	–	–	–	–	–	–	–	–	1	–
Finsbury	10732	3	3	2	–	–	–	–	–	–	–	–	–	–	–	–	1
St. Botolph East London HH	14484	11	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	11	8	3	2	–	–	–	–	1	–	–	–	–	–	1	–
St. Sepulchre H	7562	5	18	1	2	–	–	–	–	–	–	–	–	–	5	5	15
St. Bride *W*	11184	6	4	–	2	–	–	–	–	–	–	–	–	–	–	1	–
Castle Baynard	4389	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	1	–	1	–	–	–	–	–	–	–	–	–	–	1	–
Allhallows Barking	5694	–	3	1	–	–	1	–	–	–	–	–	–	–	1	1	–
Broad Street	7838	1	5	–	4	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

* The Small-pox and Fever Hospitals are situated in the sub-district of Islington West. † Officials of Public Institutions are not included.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 20th January 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	8	9	1	2	-	-	1	-	2	-	-	-	-	-	-	-
. Leonard Shoreditch HL†	16545	12	8	1	-	2	-	-	-	2	-	-	-	-	-	-	-
oxton New Town *w*	27832	20	10	2	4	-	-	-	-	1	-	-	-	-	-	-	2
oxton Old Town	26944	18	11	4	2	1	-	1	-	2	-	-	-	-	1	4	-
aggerstone West *W*	24153	23	27	5	9	-	-	-	-	5	-	1	-	2	2	3	12
aggerstone East	19257	22	9	1	3	-	1	-	-	-	-	-	-	-	-	-	-
ackney-road	29808	25	15	3	1	2	-	-	-	2	-	2	-	-	-	-	-
reen, Bethnal Green *WHL*†	42443	39	19	3	5	-	1	-	-	-	-	-	-	-	-	-	8
urch, Bethnal Green	26574	16	9	2	-	1	2	-	-	1	-	-	-	-	-	-	-
own, Bethnal Green	21375	17	11	5	1	-	2	-	-	-	-	-	-	-	1	1	-
rtillery Whitechapel	6651	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
pitalfields	15844	9	13	4	2	-	-	1	-	2	-	-	-	-	-	2	-
ile End New Town *W*	15550	9	10	2	2	-	-	-	-	1	-	1	-	-	-	2	2
hitechapel North	11434	9	9	4	1	-	1	-	-	1	-	-	-	-	-	-	-
hitechapel Church H	7323	12	13	2	1	-	-	-	-	-	-	-	-	-	2	2	10
odman's Fields	10381	11	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	9149	3	3	1	-	1	-	-	-	1	-	-	-	-	-	-	-
t. Mary St. George East	17906	21	7	2	-	-	-	1	-	-	-	-	-	-	1	-	-
t. Paul St. George East	21356	23	5	1	-	-	-	-	-	-	-	-	-	-	1	1	-
t. John St. George East *W*	8973	9	6	-	3	-	-	-	-	-	-	-	-	1	-	-	4
adwell *W*	11623	7	5	-	1	1	-	-	-	-	-	-	-	-	1	1	-
atcliff *WH*	15930	8	8	4	-	-	-	-	-	3	-	-	-	-	-	-	-
imehouse *W*	30025	31	13	1	3	1	1	-	-	1	-	-	-	-	-	-	-
ile End Old Town West	38126	30	25	8	3	1	-	-	-	4	-	-	-	-	1	1	-
ile End Old Town East *WH*	55020	42	28	11	3	3	1	1	-	2	-	-	-	-	1	3	2
ow *W*HL†	67777	58	46	10	9	4	6	-	-	1	1	-	-	-	2	3	12
oplar *W*	48500	32	20	6	5	-	1	1	-	-	-	1	-	-	2	5	-
SOUTH DISTRICTS.																	
hristchurch Southwark *W*	14547	14	10	4	2	-	-	-	-	2	-	-	-	-	-	-	1
t. Saviour Southwark H	15647	11	8	1	1	-	-	1	-	-	-	-	-	1	1	1	1
ent-road	20430	15	10	3	1	-	-	1	1	2	-	-	-	-	-	-	-
orough-road *WH*	16694	16	10	-	2	-	1	1	-	-	-	-	-	-	-	-	4
ondon-road L	18959	10	8	2	4	-	-	-	-	-	-	-	-	-	-	1	-
rinity Newington	23873	22	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Peter Walworth *W*	48232	52	22	5	4	2	-	-	-	1	-	1	2	-	-	-	-
t. Mary Newington H	16786	13	9	-	5	-	-	-	-	-	-	-	-	-	-	-	-
t. Olave Southwark H	4157	2	11	-	-	-	-	-	-	-	-	-	-	-	3	3	9
t. John Horsleydown *W*	10595	14	5	-	1	-	-	-	-	-	-	-	1	-	-	-	2
eather Market	16785	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15707	22	6	-	3	-	-	-	-	-	-	-	-	-	-	-	3
t. James Bermondsey	47221	58	23	6	7	-	2	-	2	2	-	-	-	-	1	1	-
otherhithe *W*	25873	21	10	2	4	1	-	-	-	1	-	1	-	-	-	-	1
Vaterloo-road 1st H	14086	13	9	4	1	-	-	-	-	1	-	-	-	-	-	-	-
Vaterloo-road 2nd H	18453	22	4	-	2	-	-	-	-	1	-	-	-	-	-	-	-
ambeth Church 1st	19470	11	14	1	1	-	-	-	-	-	-	-	-	-	1	1	8
ambeth Church 2nd *W*	35831	37	33	8	9	-	-	-	-	1	-	-	-	-	-	-	8
ennington 1st *W*	41284	33	9	2	2	-	1	-	-	-	-	-	-	-	1	1	-
ennington 2nd	31213	27	13	1	3	1	-	-	-	2	-	1	-	-	-	-	-
rixton HL	35131	26	22	4	4	11	-	1	-	-	-	-	-	-	-	-	10
orwood *W*	12534	6	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-
lapham HL	27348	22	16	2	2	-	-	3	-	-	-	1	-	-	1	1	-
attersea *W*	53088	39	23	9	3	-	-	-	-	2	2	1	-	-	2	2	2
andsworth HL	19797	13	4	1	2	-	1	-	-	-	-	-	-	-	-	-	2
utney	9438	6	4	-	-	-	-	2	-	-	-	-	-	-	-	-	-
treatham	14479	8	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-
ulwich	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†L†	31251	28	20	3	4	2	-	1	-	3	-	1	-	1	-	-	3
eckham *W*	42159	30	23	6	5	-	-	4	-	1	-	-	-	-	2	2	-
t. George Camberwell	33851	22	27	6	5	6	1	2	-	4	-	2	-	-	-	-	-
t. Paul Deptford	53696	51	15	2	4	-	3	-	-	1	-	-	-	-	-	-	-
t. Nicholas Deptford	6487	9	3	2	-	-	-	-	-	2	-	-	-	-	-	-	-
reenwich West	21098	15	6	-	3	1	-	-	-	1	-	-	-	-	-	-	-
reenwich East *WH*	19320	9	9	2	5	-	-	-	-	-	-	1	-	-	-	-	4
ltham	4528	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ee	16430	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *W*	11508	8	5	3	1	-	-	-	-	1	-	-	-	-	-	-	-
ydenham	19016	14	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
harlton H	9503	3	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17229	13	6	1	1	-	-	1	-	-	-	-	-	-	-	-	-
oolwich Arsenal H	18319	23	10	1	-	5	-	-	-	-	-	-	1	-	-	-	-
umstead, West	13028	8	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-
umstead, East *W*	15290	17	11	2	2	3	-	-	-	1	-	-	-	-	-	-	2

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - „ „ Tottenham-court sub-district.
London City - - „ „ Islington East.
Do. do. - - „ „ Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City „ „ } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - „ „ Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th JANUARY, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	14	..	29·786	47·7	32·5	15·2	39·3	36·3	64·6	26·0	39·9	37·2	3·0	6·3	1·5	+ 3·6	87	WSW.& W.	WNW& W.	2·2	0·0	0·3	298	0·00	..
MONDAY . .	15	..	29·820	42·7	28·3	14·4	35·1	31·3	69·7	20·1	40·6	38·0	3·8	9·2	0·0	— 1·3	86	WSW. & SSW.	SSW. & SSE.	0·1	0·0	0·0	113	0·00	..
TUESDAY .	16	In Equator	29·748	41·7	31·2	10·5	35·4	33·9	53·5	24·1	41·1	38·2	1·5	3·7	0·0	— 1·1	94	SSE. & Calm.	S. by W. & S.	0·2	0·0	0·0	117	0·00	..
WEDNESDAY	17	First Qr.	29·266	47·0	34·4	12·6	42·1	40·8	46·4	28·4	40·6	38·4	1·3	2·2	0·0	+ 5·5	95	SSW.	SW.	30·0	0·1	2·1	629	0·30	..
THURSDAY.	18	..	29·006	48·1	38·4	9·7	42·6	35·3	73·0	32·2	41·0	39·5	7·3	10·3	3·5	+ 5·9	75	SW. & WSW.	WSW. & SW.	30·0	0·1	1·7	537	0·09	..
FRIDAY . .	19	..	29·266	45·5	35·1	10·4	39·9	37·8	67·2	30·1	41·2	39·5	2·1	5·7	0·0	+ 3·0	92	SSW.& S.	SSE. ESE. & NE.	0·5	0·0	0·0	155	0·02	..
SATURDAY.	20	..	29·416	41·7	37·2	4·5	39·0	37·2	48·2	32·9	40·8	39·2	1·8	3·3	1·6	+ 2·0	93	NNE.	NNE.	0·6	0·0	0·0	110	0·13	..
MEANS . .		..	29·473	44·9	33·9	11·0	39·1	36·1	60·4	27·7	40·7	38·6	3·0	5·8	0·9	+ 2·5	89	WSW. & SSW.		..	..	..	Sum 1959	Sum 0·54	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JANUARY.			
SUNDAY .	14	Positive, with weak tension shown throughout.	Generally cloudless in the morning; cloudy till evening; and thin rain fell about mid-day, a slight fog also being prevalent; Cloudless, with hoar frost at night.
MONDAY .	15	Positive, with moderate tension occasionally.	Hoar frost and slight fog in morning. A fine day. Solar halo about noon. Hoar frost at night. The amount of cloud variable.
TUESDAY .	16	Weak positive generally; the tension increasing at night.	Hoar frost in morning. Generally cloudy till night. Fine.
WEDNESDAY	17	The insulating apparatus was again injured by the wind.	Overcast throughout. Rain fell more or less heavily till night. Heavy gale prevalent in the afternoon and evening.
THURSDAY .	18		Rain fell in the early morning, and occasionally during the day. Cloudy in morning. Very fine and cloudless at night. Strong wind.
FRIDAY .	19		Hoar frost in morning. Solar halo at noon. Light clouds prevalent till night; then cloudy.
SATURDAY .	20	No electricity shown.	Rain fell in early morning, and thinly at times during the day. Overcast throughout.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·53 in. at the beginning of the week to 29·90 in. by 10h. P.M. on the 14th; decreased to 28·80 in. by 3h. A.M. on the 18th; and increased to 29·49 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
29th January 1872.

United Kingdom.

During the week ending Saturday the 27th instant, 5353 *births* and 4001 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 28 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 34 per 1000 persons living, in Glasgow 32 per 1000, and in Dublin 36; the fatal cases of small-pox in Dublin, which in the two previous weeks had been 63 and 41, were 40 last week, and equal to an annual rate of 7 per 1000.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 25 per 1000; Portsmouth 18, Norwich 45, Bristol 32, Wolverhampton 37, Birmingham 21, Leicester 19, Nottingham 33, Liverpool 32, Manchester 35, Salford 33, Oldham 31, Bradford 21, Leeds 29, Sheffield 35, Hull 22, Sunderland 32, and Newcastle-upon-Tyne 30. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 283, 261, and 279, declined last week to 255; of these, 90 occurred in London, 46 in Sheffield, 34 in Norwich, 19 in Nottingham, 14 in Wolverhampton, 12 in Newcastle-upon-Tyne, 10 in Hull, 8 in Birmingham, 6 in Leeds, and 4 each in Sunderland and Salford. Manchester and Bradford were the only towns of the eighteen in which no deaths from small-pox were returned. The annual death-rate from this disease was equal to 22 per 1000 in Norwich, 11 each in Nottingham and Wolverhampton, 10 in Sheffield, 5 in Newcastle, 4 in Hull, 2 each in Sunderland and Salford, and to one each in London, Birmingham, and Leeds; the rate in Wolverhampton showed a considerable decline. Whooping-cough showed a considerable fatality last week in Manchester and Bristol.

London.

In London 2317 births and 1602 deaths were registered last week. After making due allowance for increase of population, the births were 52, and the deaths 170, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been 26 per 1000 in each of the three previous weeks, declined to 25 last week; it was equal to 22 in the West, 26 in the North, 27 in the Central, 26 in the East, and 25 in the South Districts.

The 1602 deaths included 90 from small-pox, 41 from measles, 19 from scarlet fever, 7 from diphtheria, 98 from whooping-cough, 28 from different forms of fever (of which 7 were certified as typhus, 14 as enteric or typhoid, and 7 as simple continued fever), and 12 from diarrhœa; thus to the seven principal diseases of the zymotic class 295 deaths were referred, against 326 and 366 in the two preceding weeks. The fatal cases of measles, scarlet fever, whooping-cough, and enteric fever showed a considerable decline upon those returned in recent weeks. Whooping-cough caused 17 deaths in Islington. In Walworth four deaths were referred to enteric fever; in Peckham sub-district, of 27 deaths, seven were fatal cases of scarlet fever, and three of whooping-cough.

The deaths from small-pox in the past six weeks have been all but stationary, ranging only between 90 and 97; the 90 last week, however, exceeded by no less than 58 the corrected average weekly number in the corresponding week of the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 37 fatal cases were recorded last week, against 42 and 36 in the two previous weeks. Five deaths from this disease were returned in Poplar, and three each in Kensington Town, Cripplegate, Bow, and St. George (Camberwell) sub-districts.

Since 12th December last the mean temperature at Greenwich has been almost continuously above the average. The average daily excess during the 46 days ending last Saturday was 3°·9. The mean last week was 42°·0, and 4°·2 above the average. During the gale early on Wednesday morning the reading of the barometer fell to 28·21 in., a lower point than has been touched since 13th January 1843. The deaths referred to diseases of the respiratory organs, including phthisis, were 582, against 582 and 561 in the two preceding weeks, and were 61 below the corrected average weekly number.

To different forms of violence 47 deaths were referred ; of these, 43 were the result of accident or negligence, including 17 from fractures and contusions, 8 from burns and scalds, 5 from drowning, 10 from suffocation, and 2 from poison. Of the deaths from fractures and contusions, 4 of adults and one of a child, aged 7 years, resulted from being run over by different kinds of vehicles in the streets.

Three cases of suicide, and one of manslaughter, were registered during the week.

The deaths from all causes included eight of persons aged 90 years and upwards ; one of these, described as a servant, died in the Newington Workhouse at the age, as stated, of 101 years.

Dr. Frankland, F.R.S., in his report upon the quality of the water supplied to the Metropolis during the present month calls attention to many striking facts which "illustrate the utter unsuitability for domestic purposes of water derived " from rivers flowing through highly manured lands, and receiving the sewage of " a large population." The Thames has been in a state of flood during the whole of the month, and the water has consequently been in a "filthy condition." The system of filtering adopted by the Water Companies appears to have been entirely ineffectual in rendering this water fit for consumption. The samples submitted to analysis by Dr. Frankland were drawn on the 11th instant, when the West Middlesex was the only Company which was delivering efficiently filtered water ; water from the mains of the Chelsea and Grand Junction Companies was turbid, and that from the Lambeth Company's mains very turbid ; "moving organisms" were found in the Chelsea, Grand Junction, and Lambeth Companies' waters. The water delivered by the New River, East London, and Kent Companies, which principally draw their supplies from springs and deep chalk wells, was on the other hand bright and transparent. The Kent Company's water again showed the smallest proportion of that most objectionable impurity in water for drinking, "organic matter." Calling the amount of this impurity in the Kent water 1, the proportional amount in an equal volume of water supplied this month by each of the other Metropolitan Companies was ;—New River 5, East London 8, West Middlesex 11, Southwark 14, Grand Junction 16, Chelsea 17, and Lambeth 18. "A " sample of London sewage which was allowed to soak slowly through five feet of " earth was found to contain a smaller proportion of organic elements than that " present in some of the above samples ;" and Dr. Frankland further states that the water of only 10 out of 50 shallow wells, which have been condemned as unfit for drinking purposes, contained a larger proportion of organic impurity than did the samples of the water supplied by the Grand Junction, Chelsea, and Lambeth Companies during this month, and submitted to analysis. It is to be hoped that the recent appointment of an Inspector of Filter-beds, under the Metropolitan Water Supply Act of last Session, will lead to some improvement in the present system of filtration, of which the inefficiency is so patent. Dr. Hill reports of the Birmingham water supply that it was more turbid and less pure than in the previous month.

Foreign Cities.

In Paris 776 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 78 deaths occurred in the week ending the 20th, and the annual death-rate was 22 per 1000. In Berlin during the week ending last Thursday 571 deaths were recorded, including 109 fatal cases of small-pox ; the annual death-rate was 36 per 1000. In Vienna the 311 deaths in the week ending the 20th gave an annual rate of 26 per 1000. In Rome 258 deaths were registered in the week ending the 14th, and the annual death-rate was 60 per 1000 ; 49 deaths were referred to small-pox (equal to an annual rate of 11 per 1000), against 37 and 42 in the two previous weeks.

In the City of New York 498 deaths were registered in the week ending 6th January, and the equivalent annual rate of mortality was 28 per 1000.

In Bombay the deaths registered during the week ending the 2d instant were 332, and the mortality was at the annual rate of 21 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·13 in.; the highest reading was 29·77 in. at the end of the week, and the lowest 28·21 in. on Wednesday morning; this reading is lower than any recorded since 13th January 1843, when it was 28·096. The mean temperature of the *air* was 42°·0, or 4°·2 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature was above the average on each day of the week; on Sunday the mean was 37°·8 or 0°·6 above the average, while on Thursday it was 44°·5, and showed an excess of 6°·4. The highest day temperature in the shade was 50°·5 on Wednesday, and the lowest night temperature 34°·6 on Sunday; the entire range of temperature in the week was, therefore, 15°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 77°·5 on Friday. The difference between the mean *dew-point* temperature and *air* temperature averaged 2°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 40°·3. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100. The general direction of the *wind* was Southerly, and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell each day during the week, to the amount of 1·18 in., of which half-an-inch was measured on Wednesday.

The mean temperature in the other large English towns furnishing returns ranged from 38°·5 in Nottingham, to 42°·6 in Portsmouth; the lowest recorded night temperature was 26°·5 in Sheffield, and the highest day temperature in the shade 53°·8 in Portsmouth. Rain was measured in each of these towns; the amounts varied from ·79 of an inch in Manchester, to 2·12 inches in Birmingham.

In Centigrade degrees the mean temperature of the air at Greenwich was 5°·6, or 2°·3 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 10°·3, the lowest night temperature 1° 5, and the highest temperature in the sun 25°·3. The wind blew at the rate of 19 kilometres an hour, and the rain-fall measured 3·00 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 403,584 cubic metres, and at Barking 303,563 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied during the month of December 1871: according to their returns, 102,446,507 gallons or 465,461 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 208·3 gallons (94·6 decalitres), rather less than a *ton* by weight, to each house, and 29·3 gallons (13·3 decalitres) to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of December 1871, it may be estimated that about 84,006,136 gallons were probably used for domestic purposes, or about 24·1 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	December 1870.	December 1871.	December 1870.	December 1871.
Total Supply . . .	482,982	491,857	97,371,249	102,446,507
From Thames	223,045	228,964	50,837,088	53,291,243
From Lea and from other Sources . .	259,937	262,893	46,534,161	49,155,264
Thames.				
Chelsea	27,670	27,949	7,268,600	7,504,400
West Middlesex	41,458	42,818	7,858,216	8,757,115
Southwark and Vauxhall . . .	77,277	78,658	16,427,380	16,401,227
Grand Junction	30,929	32,316	9,994,995	10,868,501
Lambeth	45,711	47,223	9,287,897	9,760,000
Lea and other Sources.				
New River	118,341	119,673	21,027,000	22,655,000
East London	101,817	102,624	18,993,000	20,081,000
Kent	39,779	40,596	6,514,161	6,419,264

Note.—The Return for December 1871, compared with that for the corresponding month of 1870, shows an increase of 8,875 houses and of 5,075,258 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for January.

Sir, *Royal College of Chemistry, 27th January* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of January. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The condition of the water supplied to London from the Thames during the present month strikingly illustrates the utter unsuitability for domestic purposes of water derived from rivers flowing through highly manured lands, and receiving the sewage of a large population. During the whole of the month the Thames has been in a state of flood; it has overflowed its banks, washing manure from the surface of cultivated land, scouring out foul ponds and ditches, and receiving the flushings of innumerable sewers and drains. As a natural consequence the water has been, and still is, in a very filthy condition. Seen from the adjoining railway, the muddy water stored on the premises of the Southwark and Vauxhall Company at Battersea is obviously unfit for human consumption. Nothing but the impossibility of obtaining a better supply could reconcile a water drinker to imbibe such a repulsive looking liquid. Unfortunately there is little hope of mitigating in the future this highly polluted condition of the river in seasons like the present, because, even when the towns in the Thames basin have adopted some mode of cleansing their sewage in ordinary weather, storm-drainage water could only be submitted to the purifying operations at a cost altogether impracticable.

Of the five Companies which draw their supplies from the Thames, only one, the West Middlesex Company, was effectually filtering the water on the 11th instant, when my samples were drawn for analysis. The sample taken from the Southwark Company's main was only slightly turbid, but those obtained from the mains of the Chelsea and Grand Junction Companies were turbid, whilst the water delivered by the Lambeth Company was very turbid. On the other hand the New River, East London, and Kent Companies, which do not obtain their supplies from the Thames, delivered bright and transparent water.

Moving organisms were found in the waters of the Chelsea, Grand Junction, and Lambeth Companies.

The most objectionable impurity in drinking-water is organic matter, and of this the water of the Kent Company, drawn from deep wells in the chalk, always contains the smallest proportion. Calling the amount of this impurity in a given volume of the Kent Company's water 1, the proportional amount in an equal volume of water supplied this month by each of the other Metropolitan Companies was, New River 5·3, East London 8·3, West Middlesex 11·1, Southwark 14, Grand Junction 16·1, Chelsea 17, and Lambeth 18·4. A sample of London sewage which was allowed to soak slowly through five feet of earth was found to contain a smaller proportion of organic elements than that present in some of the above samples. Of 50 shallow wells, which have been condemned as unfit for human consumption, the water of only 10 contained a larger proportion of organic elements than that present in the supply of the Grand Junction, Chelsea, and Lambeth Companies.

Dr. Hill's analysis shows the water supplied to Birmingham to be less pure and more turbid than it was in the previous month.

I am, &c.,

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	11th January, Cab Rank, Horse Guards	6·0	26·70	·433	·084	·000	·249	·333	2170	2·10	19·1
West Middlesex	11th January, Cab Rank, Portland-road	6·3	29·70	·280	·063	·000	·289	·352	2570	1·95	23·3
Southwark and Vauxhall	11th January, Cab Rank, St. George's Church, Borough.	5·8	29·04	·359	·074	·001	·320	·395	2890	2·00	21·8
Grand Junction	11th January, Cab Rank, Woodstock-street.	5·2	29·90	·408	·092	·001	·308	·401	2770	2·05	20·3
Lambeth	11th January, Cab Rank, Westminster Bridge-road.	5·3	28·20	·486	·084	·001	·301	·386	2700	1·85	20·0
Other Sources.											
New River	11th January, Cab Rank, Tottenham-court-road.	6·0	32·30	·127	·039	·001	·274	·314	2430	1·65	25·7
East London	12th January, Royal Hotel, Mile-end-road.	6·0	36·32	·212	·046	·001	·337	·384	3060	2·35	27·2
Kent	12th January, Deptfd. Bdge. Police Stat.	13·0	39·88	·018	·013	·000	·480	·493	4480	2·50	30·3
Birmingham*	6th January, Birmingham Waterworks	—	26·36	·320	·034	·004	·288	·325	2595	1·42	14·57
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 11th January at the

Horse Guards' cab-rank had a temperature of 6°·0 C.; 100,000 lbs. of it contained 26·70 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·433 lb. of carbon and ·084 lb. of nitrogen. The above quantity of water contained no ammonia, and ·249 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·333 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2,170 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·1 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 19·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FOURTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1801	2086	2107	1894	2149	2237	2323	2260	2359	2318	2153·4	2317
Males . .	900	1079	1044	964	1090	1160	1157	1153	1200	1183	1093·0	1182
Females .	901	1007	1063	930	1059	1077	1166	1107	1159	1135	1060·4	1135
Total Deaths	1569	1426	1749	1747	1363	1880	1395	1737	1613	1632	1611·1	1602
Males . .	768	692	873	913	674	956	717	874	808	824	809·9	814
Females .	801	734	876	834	689	924	678	863	805	808	801·2	788

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Nov. 4.	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.
Total Deaths - - -	1400	1365	1626	1863	1918	1856	2121	1943	1686	1619	1632	1628	1602
Deaths under 5 years of age -	552	571	688	742	813	809	865	813	701	684	663	652	647
Deaths 5—20 - - -	129	106	119	118	121	126	133	119	122	103	110	114	113
Deaths 20—40 - - -	201	206	222	250	233	247	272	254	224	225	215	227	242
Deaths 40—60 - - -	224	209	239	342	315	284	352	319	281	266	283	264	253
Deaths 60—80 - - -	230	221	296	338	359	322	409	361	292	280	306	301	282
Deaths at 80 years & upwards	64	52	62	73	77	68	90	77	66	61	55	70	65
Deaths from Small-pox - -	61	54	76	67	78	104	106	90	97	91	90	93	90
„ „ Measles - -	45	42	49	60	83	81	97	102	75	67	51	60	41
„ „ Scarlet Fever -	38	32	40	34	39	34	37	28	34	24	23	34	19
„ „ Diphtheria -	4	5	6	4	10	10	7	3	2	3	3	6	7
„ „ Whooping-cough	51	42	36	64	72	85	99	117	79	92	115	115	98
„ „ Typhus fever -	4	6	5	4	12	6	9	6	4	2	4	7	7
„ „ Enteric (or Typhoid) fever -	36	32	27	27	19	35	23	32	33	26	25	35	14
„ „ SimpleContªfever	7	7	7	13	8	10	10	12	8	12	12	6	7
„ „ Diarrhœa - -	19	21	17	7	16	14	15	13	9	7	3	10	12
„ „ Simple Cholera -	—	2	—	—	—	—	—	—	—	—	—	—	—
„ „ Phthisis - -	166	162	160	219	168	179	224	182	164	160	162	171	194
„ „ Bronchitis - -	190	180	287	380	457	357	482	364	302	273	278	262	259
„ „ Pneumonia -	81	105	115	162	132	155	139	117	101	97	96	75	88
„ „ Heart Disease -	71	61	85	88	103	77	93	99	77	74	62	91	70
Mean Temperature of the Air	47°·3	39°·2	35°·3	34°·3	36°·4	29°·8	39°·9	41°·6	43°·0	41°·5	40°·3	39°·1	42°·0
Mean Temperature of the Water of the Thames -	49·8	46·6	42·1	38·5	38·0	36·0	34·3	37·7	39·9	40·5	38·7	39·7	40·3
Humidity of the Air - -	81	84	84	86	89	81	90	92	89	84	90	89	92
Rain-fall in inches - -	0·04	0·03	0·29	0·10	0·12	0·04	0·10	0·51	0·56	1·19	0·71	0·54	1·18

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday, the 27th day of January 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 27th Jan. 1872.	DEATHS registered during the Week ending 27th Jan. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5353	4001	53·8	23·0	39·9	4·39	1·22	3·10
LONDON	77,997	3,312,591	42·5	2317	1602	50·5	34·6	42·0	5·56	1·18	3·00
PORTSMOUTH	9,513	115,455	12·1	80	39	53·8	28·2	42·6	5·89	1·89	4·80
NORWICH	7,472	81,105	10·9	53	70	48·8	33·0	41·1	5·06	0·87	2·21
BRISTOL	4,688	186,428	39·8	152	113	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	51	49	46·2	29·1	38·7	3·72	1·87	4·75
BIRMINGHAM	7,831	350,164	44·7	272	141	47·6	31·1	39·6	4·22	2·12	5·38
LEICESTER	3,200	99,143	31·0	72	36	48·0	30·5	40·3	4·61	1·50	3·81
NOTTINGHAM	1,996	88,225	44·2	59	56	48·8	28·4	38·5	3·61	1·33	3·38
LIVERPOOL	5,108	499,897	97·9	373	310	48·6	28·4	41·1	5·06	0·99	2·51
MANCHESTER	4,486	352,759†	78·6	278	239	48·3	28·0	39·8	4·33	0·79	2·01
SALFORD	5,172	127,923	24·7	110	80	48·5	27·9	39·7	4·28	0·98	2·49
OLDHAM	4,167	84,004	20·2	63	50	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	116	62	48·0	30·5	40·7	4·83	1·24	3·15
LEEDS	21,572	266,564	12·4	266	150	48·0	29·0	39·9	4·39	1·06	2·69
SHEFFIELD	22,830	247,847	10·9	189	167	46·1	26·5	38·6	3·66	1·66	4·22
HULL	3,562	124,976	35·1	65	52	47·0	29·0	39·9	4·39	0·95	2·41
SUNDERLAND	3,306	100,665	30·4	67	61	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	83	74	50·0	33·0	41·2	5·11	1·17	2·97
EDINBURGH	4,427	205,146	46·3	149	134	48·0	23·0	36·7	2·61	1·10	2·79
GLASGOW	5,063	489,136	94·8	382	301	45·9	30·0	38·8	3·77	0·50	1·27
DUBLIN	9,745	310,565	31·9	156	215	51·5	27·0	39·2	4·00	0·69	1·75

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the correct population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The number for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 27th day of January 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	27	3351	739	697	255	60	51	16	207	82	31	119	215	507
LONDON	25	1602	327	347	90	41	19	7	98	28	12	47	93	298
PORTSMOUTH	18	39	11	12	1	3	–	–	–	–	1	1	2	3
NORWICH	45	70	12	12	34	–	–	–	1	1	1	2	3	8
BRISTOL	32	113	28	29	2	1	2	1	11	4	1	3	7	14
WOLVERHAMPTON	37	49	10	11	14	–	–	–	2	1	–	3	6	2
BIRMINGHAM	21	141	38	27	8	1	2	3	5	1	1	7	15	23
LEICESTER	19	36	16	8	1	–	–	–	2	1	1	2	3	3
NOTTINGHAM	33	56	15	12	19	–	–	–	1	3	–	–	1	8
LIVERPOOL	32	310	90	63	3	2	5	–	21	11	3	23	28	42
MANCHESTER	35	239	45	49	–	–	8	1	35	6	2	7	17	34
SALFORD	33	80	17	14	4	1	–	–	8	3	3	1	4	19
OLDHAM	31	50	8	7	1	3	–	1	2	1	–	1	3	5
BRADFORD	21	62	15	11	–	–	3	–	3	3	–	1	3	5
LEEDS	29	150	35	37	6	2	–	1	8	6	4	7	13	13
SHEFFIELD	35	167	43	28	46	–	4	1	4	4	2	3	6	20
HULL	22	52	9	7	10	1	–	–	4	3	–	4	4	1
SUNDERLAND	32	61	11	11	4	4	7	–	–	5	–	–	–	2
NEWCASTLE-ON-TYNE	30	74	9	12	12	1	1	1	2	1	–	7	7	7
DUBLIN	36	215	23	69	40	1	1	–	1	5	1	5	6	91

TABLE 5.—DEATHS IN LONDON Registered in the FOURTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, January 27, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	37°3	42°0						
ALL CAUSES – –	1611·1	1602	647	113	242	253	282	65
SPECIFIED CAUSES	1594·5	1597	645	113	240	253	281	65
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	29·3	90	25	25	29	8	3	–
Measles – – –	29·0	41	38	2	1	–	–	–
Scarlet Fever (Scarlatina)	56·4	19	16	2	–	1	–	–
Diphtheria – – –	9·0	7	6	1	–	–	–	–
Quinsy – – –	1·0	1	–	–	1	–	–	–
Croup – – –	16·1	7	6	1	–	–	–	–
Whooping-cough – –	69·2	98	97	1	–	–	–	–
Typhus – – –		7	–	2	2	2	1	–
Enteric or Typhoid Fever	57·0	14	3	5	3	2	1	–
Simple continued Fever		7	4	1	2	–	–	–
Erysipelas – –	8·3	8	2	–	–	1	2	3
Puerperal Fever (Metria)	5·0	9	–	–	9	–	–	–
Carbuncle – – –	1·2	–	–	–	–	–	–	–
Influenza – – –	2·2	1	–	–	–	1	–	–
Dysentery – – –	·6	2	–	–	2	–	–	–
Diarrhœa – – –	12·2	12	6	2	–	1	2	1
Simple Cholera – –	·1	–	–	–	–	–	–	–
Ague – – –	·8	–	–	–	–	–	–	–
Remittent Fever – –	·7	1	–	1	–	–	–	–
Rheumatism – –	8·6	9	–	3	2	2	2	–
Other *Zymotic* Diseases –	·8	1	–	–	–	–	1	–
ORDER 2.								
Syphilis – – –	8·3	7	5	–	2	–	–	–
Stricture of Urethra –	·6	3	–	–	–	2	1	–
Hydrophobia – –	·2	–	–	–	–	–	–	–
Glanders – – –	—	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·8	2	–	–	–	1	1	–
Want of Breast-milk –	8·1	4	4	–	–	–	–	–
Purpura and Scurvy –	1·7	–	–	–	–	–	–	–
Alco- { *a* Del. Tremens	1·7	1	–	–	–	–	1	–
holism { *b* Intemperance –	1·4	3	–	–	–	3	–	–
ORDER 4.								
Thrush – – – –	2·2	3	3	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	1·9	6	–	–	–	–	6	–
Dropsy – – – –	13·6	7	1	1	–	3	2	–
Cancer – – –	26·8	28	–	–	2	15	11	–
Cancrum Oris (Noma) –	·2	–	–	–	–	–	–	–
Mortification – –	5·4	2	–	–	–	–	2	–
ORDER 2.								
Scrofula – – –	8·6	13	6	4	3	–	–	–
Tabes Mesenterica – –	15·1	22	19	3	–	–	–	–
Phthisis – – –	174·6	194	14	15	93	61	11	–
Hydrocephalus – –	30·3	30	24	6	–	–	–	–
II. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	14·7	20	10	5	3	1	1	–
Apoplexy – – –	39·9	48	3	–	5	13	26	1
Paralysis – – –	37·6	30	–	–	1	8	17	4
Insanity – – –	1·4	1	–	–	–	–	1	–
Chorea – – –	·1	–	–	–	–	–	–	–
Epilepsy – – –	7·0	6	1	–	3	–	1	1
Convulsions – – –	55·1	46	45	1	–	–	–	–
Brain Disease, &c. – –	19·8	15	5	2	2	4	2	–
ORDER 2.								
Pericarditis – –	1·8	3	–	1	1	1	–	–
Aneurism – – –	2·4	3	–	–	1	2	–	–
Heart Disease, &c. – –	74·4	70	–	8	16	20	24	2
ORDER 3.								
Laryngitis – – –	8·8	8	6	1	1	–	–	–
Bronchitis – – –	252·4	259	90	5	7	52	88	17
Pleurisy – – –	2·8	7	1	–	3	1	2	–
Pneumonia – – –	94·3	88	67	2	7	4	6	2
Asthma – – –	22·6	10	–	–	4	2	4	–
Lung Disease, &c. – –	18·7	16	7	–	1	2	4	2
ORDER 4.								
Gastritis – – –	1·9	–	–	–	–	–	–	–
Enteritis – – –	4·7	6	2	1	1	1	1	–
Peritonitis – –	5·1	1	–	–	1	–	–	–
Ascites – – –	2·3	3	–	–	–	–	3	–
Ulceration of Intestines –	1·7	2	–	–	–	–	2	–
Hernia – – –	4·4	5	–	–	1	2	1	1
Ileus – – –	2·8	5	2	1	1	1	–	–
Intussusception – –	1·0	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, January 27, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	37°3	42°0						
9. Stricture of Intestines –	1·4	–	–	–	–	–	–	–
10. Fistula – – –	·4	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·1	2	–	–	–	–	2	–
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	3·7	3	–	–	–	1	1	–
14. Jaundice – – –	3·3	5	–	1	1	2	1	–
15. *Liver Disease, &c.* –	15·7	18	–	–	2	7	9	–
16. *Spleen Disease, &c.* –	·5	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·3	4	–	–	1	2	1	–
2. Ischuria – – –	·1	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	11·8	7	–	–	2	4	1	–
4. Diabetes – – –	1·5	2	–	–	1	–	1	–
5. Calculus (Stone) – –	·9	1	–	–	–	1	–	–
6. Cystitis – – –	·9	1	–	–	–	–	1	–
7. *Kidney Disease, &c.* –	8·2	5	–	–	4	1	–	–
ORDER 6.								
1. Ovarian Dropsy – –	·9	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·7	1	–	–	–	1	–	–
ORDER 7.								
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·6	7	–	3	2	2	–	–
ORDER 8.								
1. Phlegmon – – –	2·3	2	1	–	–	–	1	–
2. Ulcer – – –	1·9	1	–	–	–	–	1	–
3. *Skin Disease, &c.* – –	·5	2	2	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	22·0	30	30	–	–	–	–	–
2. Cyanosis – – – –	1·7	2	2	–	–	–	–	–
3. Spina Bifida – – –	·8	2	2	–	–	–	–	–
4. Other Malformations –	1·9	3	3	–	–	–	–	–
5. Teething – – – –	17·6	9	9	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	6·2	10	–	–	10	–	–	–
ORDER 3.								
1. Old Age – – – –	71·9	49	–	–	–	–	21	28
ORDER 4.								
1. Atrophy and Debility –	58·8	73	62	–	1	3	7	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	16·2	17	1	4	2	8	–	2
2. Wounds { Gunshot –	·4	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	9·3	8	5	1	–	1	–	1
4. Poison – – –	·6	2	–	–	–	1	1	–
5. Drowning – – –	3·2	5	–	2	1	1	1	–
6. Suffocation – – –	8·0	10	9	–	–	1	–	–
7. Otherwise – – –	2·4	1	–	–	1	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·4	1	1	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot –	·3	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	·6	–	–	–	–	–	–	–
2. Poison – – – –	1·0	1	–	–	1	–	–	–
3. Drowning – – –	·4	1	–	–	–	1	–	–
4. Hanging – – – –	·9	1	–	–	–	–	1	–
5. Otherwise – – –	·3	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·7	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·7	2	–	–	2	–	–	–
Causes not specified or ill-defined – – – –	13·9	3	2	–	–	–	1	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.†
LONDON	3,251,804	2317	1602	327	347	90	41	19	7	98	7	14	7	12	47	93	298
WEST DISTRICTS	561,189	319	238	51	72	3	7	1	2	13	–	–	1	–	4	7	48
NORTH DISTRICTS	751,668	526	389	64	79	44	16	4	2	28	4	6	2	2	11	23	85
CENTRAL DISTRICTS	333,887	241	170	41	28	8	2	–	–	10	–	–	2	1	7	13	37
EAST DISTRICTS	638,928	531	322	60	66	18	9	3	1	18	1	1	1	3	10	24	48
SOUTH DISTRICTS	966,132	700	483	111	102	17	7	11	2	29	2	7	1	6	15	26	80
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	48	25	7	6	–	–	–	–	1	–	–	–	–	–	–	1
St. John Paddington H	38082	9	6	–	1	–	–	–	–	1	–	–	–	–	2	1	1
Kensington Town *WL*	91583	53	53	16	14	3	2	–	1	5	–	–	–	–	–	–	11
Brompton H	28651	27	8	1	3	–	1	–	–	–	–	–	–	–	–	–	1
St. Peter Hammersmith	6662	6	1	–	1	–	–	–	–	–	–	–	–	–	–	1	–
St. Paul Hammersmith H	36030	26	8	1	4	–	–	–	–	–	–	–	–	–	–	–	–
Fulham *WLLLL*	23378	16	7	3	1	–	–	–	–	1	–	–	–	–	–	–	–
Chelsea South HH	26419	22	18	3	5	–	–	–	–	1	–	–	–	–	1	2	2
Chelsea North-west *HWw*	23278	9	15	1	9	–	–	–	–	–	–	–	–	–	–	–	8
Chelsea North-east L	21389	8	6	1	1	–	1	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	10	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	22	22	6	5	–	–	–	1	1	–	–	–	–	1	2	2
St. John Westminster HHH	38470	13	19	6	7	–	1	–	–	2	–	–	–	–	–	–	2
St. Margaret Westminster *WWHH*	27640	15	16	–	8	–	–	1	–	–	–	–	–	–	–	1	12
St. James's Square	10453	3	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	6	17	1	5	–	1	–	–	1	–	–	–	–	–	–	8
Berwick-street	10279	5	5	1	–	–	1	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	15	5	2	–	–	–	–	–	–	–	–	1	–	–	–	–
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	17	16	4	2	2	–	–	–	–	–	–	1	–	1	3	2
Cavendish Square	15419	8	4	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	24	21	2	6	1	–	1	–	1	–	–	–	–	–	–	8
St. Mary Marylebone H	21795	16	13	2	1	–	2	–	–	–	–	–	–	1	1	2	–
Christchurch Marylebone	33892	23	16	4	2	–	2	–	–	2	–	–	–	–	1	3	–
St. John Marylebone	33110	24	7	–	2	–	1	–	–	2	–	–	–	–	–	–	–
Hampstead *WHH*	32271	16	32	6	1	20	2	–	–	1	–	–	–	–	2	2	20
Regent's Park Pancras	38192	27	15	2	5	1	1	–	–	–	1	–	–	1	1	2	–
Tottenham-court *wH*	29360	16	10	–	4	–	–	–	–	–	–	–	–	–	–	–	3
Gray's Inn Lane H	29216	16	17	1	4	–	–	–	1	–	–	1	–	–	1	1	5
Somers Town	38562	26	10	2	3	–	2	–	–	2	–	–	–	–	–	–	–
Camden Town *W*	18066	18	19	3	6	–	–	–	–	–	–	–	–	–	2	8	11
Kentish Town *W*	68198	57	34	5	5	2	–	1	–	2	–	–	–	–	–	–	7
Islington West* *WHHH*	97801	77	45	11	9	4	3	–	–	6	–	–	–	–	–	–	3
Islington East *Www*	115948	83	64	15	16	1	2	–	–	11	–	–	–	–	2	2	5
Stoke Newington L	9810	5	2	–	–	–	–	–	–	–	–	–	1	–	–	–	1
Stamford Hill	6599	2	4	1	2	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	17	12	1	3	1	–	–	–	1	–	–	–	–	–	–	–
Hackney *WwHL*	50087	33	34	3	5	11	1	–	1	1	2	5	–	–	–	–	20
South Hackney L	30305	18	14	2	1	1	–	2	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	9	9	1	2	1	–	–	–	1	–	–	–	–	–	–	–
St. Giles South *WH*	19089	42	14	2	3	1	–	–	–	–	–	–	–	–	–	–	3
St. Giles North	16497	14	8	2	–	1	–	–	–	–	–	–	1	–	–	–	–
Long Acre	11326	12	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *WH*	9831	1	6	1	2	–	–	–	–	–	–	–	–	–	–	1	2
St. Mary-le-Strand	9376	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	3	6	3	–	–	–	–	–	–	–	–	–	–	–	–	3
St. George-the-Martyr HHH	20521	9	7	2	3	1	–	–	–	–	–	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	8	16	–	–	–	–	–	–	3	–	–	–	–	–	–	8
Saffron Hill	9051	3	6	1	2	–	–	–	–	1	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	17	10	3	1	–	–	–	–	2	–	–	–	–	–	1	1
Amwell Clerkenwell	16878	7	4	3	1	–	–	–	–	1	–	–	–	–	–	–	–
Pentonville	13293	9	7	4	1	–	1	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	14	7	4	1	–	–	–	–	–	–	–	1	–	–	–	–
Old-street	12156	14	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	16	11	1	1	–	1	–	–	–	–	–	–	–	–	2	2
Whitecross-street	13790	8	3	2	–	1	–	–	–	–	–	–	–	–	1	2	–
Finsbury	10732	4	5	3	–	–	–	–	–	1	–	–	–	–	–	–	–
St. Botolph East London HH	14484	12	7	2	3	–	–	–	–	–	–	–	–	–	–	–	1
Cripplegate	13639	13	9	2	–	3	–	–	–	1	–	–	–	–	1	1	–
St. Sepulchre H	7562	4	19	1	3	–	–	–	–	–	–	–	–	–	4	5	17
St. Bride *W*	11184	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	3	1	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Allhallows Barking	5694	3	1	1	–	–	–	–	–	–	–	–	–	–	1	1	–
Broad Street	7838	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

* The Small-pox and Fever Hospitals are situated in the sub-district of Islington West.

† Officials of Public Institutions are not included.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 27th January 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	9	5	-	-	-	1	-	-	-	-	-	-	-	1	3	-
St. Leonard Shoreditch HL†	16545	11	12	4	-	-	-	-	-	1	-	-	-	-	-	-	-
Hoxton New Town *w*	27832	29	19	3	5	2	1	-	-	-	-	1	-	1	-	-	2
Hoxton Old Town	26944	28	8	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Haggerstone West *W*	24153	29	19	1	6	-	-	-	-	3	-	-	-	1	-	-	7
Haggerstone East	19257	13	11	4	1	-	1	-	-	1	-	-	-	-	-	-	-
Hackney-road	29808	32	15	2	1	2	-	1	-	1	-	-	-	-	-	-	-
Green, Bethnal Green *WHL*†	42443	34	21	4	5	-	1	-	-	-	-	-	-	-	2	6	7
Church, Bethnal Green	26574	21	6	-	1	-	-	-	-	2	-	-	-	-	-	-	-
Town, Bethnal Green	21375	19	13	2	2	-	2	1	-	1	-	-	-	-	-	-	-
Artillery Whitechapel	6651	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Spitalfields	15844	12	7	3	1	-	-	-	-	-	-	1	-	-	2	4	4
Mile End New Town *W*	15550	12	12	1	2	-	-	-	-	1	-	-	-	-	-	-	-
Whitechapel North	11434	16	3	-	2	-	-	-	-	-	-	-	-	-	2	2	6
Whitechapel Church H	7323	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goodman's Fields	10381	9	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Aldgate	9149	1	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Mary St. George East	17906	19	9	2	2	-	-	-	-	1	-	-	1	-	-	-	-
St. Paul St. George East	21356	14	6	1	-	-	1	-	-	1	-	-	-	-	-	-	-
St. John St. George East *W*	8973	4	9	2	3	-	-	-	-	-	-	-	-	-	1	1	6
Shadwell *W*	11623	7	6	-	1	2	-	-	1	-	-	-	-	-	-	-	-
Ratcliff *WH*	15930	13	9	3	-	-	-	-	-	-	-	-	-	1	1	3	2
Limehouse *W*	30025	23	13	4	1	-	-	-	-	2	-	-	-	-	-	-	-
Mile End Old Town West	38126	32	13	2	6	1	-	-	-	2	-	-	-	-	-	-	-
Mile End Old Town East *WwH*	55020	32	24	4	7	1	-	-	-	1	-	-	-	-	-	-	1
Bow *WwHL*†	67777	63	43	6	12	3	2	-	-	1	-	-	-	-	1	3	11
Poplar *W*	48500	45	23	5	6	5	-	-	-	-	-	-	-	-	-	-	2
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	12	9	4	1	-	-	-	-	1	-	-	-	-	-	-	1
St. Saviour Southwark H	15667	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Kent-road	20430	16	7	3	-	2	-	-	-	1	-	-	-	1	-	-	-
Borough-road *WH*	16694	11	9	3	2	-	1	-	-	-	-	-	-	-	-	1	3
London-road L	18959	10	13	2	1	-	1	1	-	4	-	-	-	-	-	-	-
Trinity Newington	23673	9	12	5	-	1	-	-	-	2	-	-	-	-	-	-	-
St. Peter Walworth *W*	48232	30	36	7	6	-	-	-	-	-	1	4	-	1	-	-	14
St. Mary Newington H	16786	11	9	2	1	-	-	-	-	1	-	1	-	-	-	-	-
St. Olave Southwark H	4157	1	19	-	3	-	-	-	-	-	-	-	-	-	5	6	16
St. John Horsleydown *W*	10595	10	9	3	-	-	-	-	-	1	-	-	-	-	1	1	2
Leather Market	16785	14	11	3	-	-	1	1	-	2	1	-	-	-	-	1	-
St. Mary Magdalen *W*	15707	6	14	3	6	-	-	-	-	-	-	1	-	-	1	1	7
St. James Bermondsey	47921	44	14	5	6	-	-	-	-	-	-	-	-	-	-	1	-
Rotherhithe *W*	25873	24	21	6	3	1	-	-	-	-	-	1	-	2	-	-	2
Waterloo-road 1st H	14086	8	8	2	2	-	-	-	-	-	-	-	-	-	-	-	2
Waterloo-road 2nd H	18453	14	7	4	2	-	-	-	-	2	-	-	-	-	-	1	-
Lambeth Church 1st	19470	14	16	4	2	-	-	-	-	3	-	-	-	-	-	-	4
Lambeth Church 2nd *W*	35831	27	22	6	5	1	-	-	-	2	-	-	-	-	-	-	6
Kennington 1st *W*	41284	29	10	-	5	-	-	-	-	-	-	-	-	-	-	1	-
Kennington 2nd	31213	18	12	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Brixton HL	35431	19	15	3	2	7	-	2	-	-	-	-	-	-	-	-	7
Norwood *W*	12534	14	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Clapham HL	27348	13	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Battersea *W*	53988	42	21	5	3	1	1	-	1	1	-	-	-	1	2	3	3
Wandsworth HL	19797	11	4	1	1	-	-	-	-	1	-	-	-	-	-	-	2
Putney	9438	5	8	3	1	-	-	-	-	-	-	-	-	-	1	1	-
Streatham	14479	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich	4041	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31251	17	17	4	8	-	1	-	-	-	-	-	-	-	-	-	4
Peckham *W*	42159	36	27	6	3	-	-	7	-	3	-	-	-	-	-	-	-
St. George Camberwell	33851	24	24	5	7	3	-	-	-	2	-	-	-	-	2	2	-
St. Paul Deptford	53696	54	31	3	9	1	1	-	1	2	-	-	-	1	1	2	-
St. Nicholas Deptford	6487	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	21098	22	9	1	2	-	1	-	-	-	-	-	-	-	1	1	-
Greenwich East *WH*	19320	12	10	1	1	-	-	-	-	-	-	-	-	-	-	1	3
Eltham	4528	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16430	7	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *W*	11508	7	6	1	3	-	-	-	-	-	-	-	-	-	-	1	1
Sydenham	19016	9	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Charlton H	9503	9	3	1	1	-	-	-	-	-	-	-	1	-	-	-	-
Woolwich Dockyard	17229	18	10	2	1	-	-	-	-	-	-	-	-	-	1	1	-
Woolwich Arsenal H	18319	17	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Plumstead West	13028	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East *W*	15290	19	7	1	4	-	-	-	-	1	-	-	-	-	-	-	2

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th JANUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	21	..	29·536	41·7	34·6	7·1	37·8	37·0	44·0	34·6	40·6	38·8	0·8	0·9	0·0	+ 0·6	97	NE. & ESE.	ESE. & SSE.	0·1	0·0	0·0	88	0·03	..
MONDAY	22	Apogee.	29·289	44·0	36·6	7·4	40·2	39·5	46·1	31·0	40·6	39·0	0·7	2·4	0·0	+ 2·8	97	SSE. & ESE.	SE. & S.	0·9	0·0	0·1	208	0·11	..
TUESDAY	23	Greatest Dec. N.	28·719	48·7	41·0	7·7	43·4	41·0	58·7	36·0	40·4	38·8	2·4	6·1	1·1	+ 5·7	91	SSW.	SSW. & S.	30·0	0·1	1·4	470	0·28	..
WEDNESDAY	24	..	28·644	50·5	39·2	11·3	44·0	38·8	74·3	37·3	40·6	38·6	5·2	10·5	3·5	+ 6·1	82	SSE. SW. & WSW.	WSW. & SW.	30·0	0·2	3·4	570	0·50	..
THURSDAY	25	Full	28·855	47·8	43·1	4·7	44·5	41·9	65·7	36·3	41·6	39·6	2·6	5·0	1·3	+ 6·4	90	SSW.	SSW. & SSE.	12·0	0·0	0·8	354	0·11	..
FRIDAY	26	..	29·201	48·2	39·0	9·2	43·3	41·3	77·5	33·1	42·1	40·0	2·0	4·2	0·0	+ 5·0	93	SSW.	S., SE., & ENE.	1·9	0·0	0·1	157	0·10	..
SATURDAY	27	..	29·685	44·9	37·6	7·3	41·1	39·4	50·9	31·3	42·4	40·6	1·7	3·7	0·0	+ 2·7	93	NNE.&N.	N. by E.	1·5	0·0	0·1	184	0·05	..
MEANS		..	29·133	46·5	38·7	7·8	42·0	39·8	59·6	34·2	41·2	39·3	2·2	4·7	0·8	+ 4·2	92	NE. and SW.		..	..	..	Sum 2031	Sum 1·18	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JANUARY.			
SUNDAY	21	No electricity was shown.	Overcast till night; then slightly variable. A little rain fell at mid-day.
MONDAY	22		Overcast throughout. Rain fell more or less heavily during the afternoon and early evening.
TUESDAY	23	Strong positive, with sparks and galvanic currents at noon, changing to weak negative, and then again to positive by 8h. P.M.	A very variable day throughout, but fine and at times cloudless at night. Frequent heavy gusts of wind and rain prevalent throughout.
WEDNESDAY	24	The insulating lamp was not burning.	A heavy gale prevailed during the early morning, accompanied by heavy rain. Rain also fell occasionally during the day. The amount of cloud varied from time to time till night, when the sky became cloudless.
THURSDAY	25	Strong negative, with sparks during the latter portion of the day.	Generally cloudy, with the exception of a short period in the early evening. Rain fell frequently.
FRIDAY	26	Positive, with moderate tension at noon and at night; strong negative otherwise generally prevalent.	Cloudy. Fine in early morning. Rain fell occasionally.
SATURDAY	27	Weak negative in the morning; weak positive at other times.	Rain fell in early morning. Overcast till 7h. P.M. Light clouds prevalent at night. Fine.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·49 in. at the beginning of the week to 29·55 in. by 9h. A.M. on the 21st; decreased to 28·21 in. by 5h. 20m. A.M. on the 24th; and increased to 29·77 in. by the end of the week. (*Note.*—The reading 28·21 in. is lower than any since 1843, Jan. 13, when it was 28·096 in.)

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
5th February 1872.

United Kingdom.

During the week ending Saturday the 3d instant, 5668 *births* and 3677 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 33 per 1000 persons living, in Glasgow 30 per 1000, and in Dublin 39.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 25, Norwich 39, Bristol 24, Wolverhampton 28, Birmingham 22, Leicester 16, Nottingham 29, Liverpool 28, Manchester 30, Salford 29, Oldham 27, Bradford 30, Leeds 26, Sheffield 30, Hull 28, Sunderland 27, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 279 and 255, further declined last week to 187; of these, 52 occurred in London, 37 in Sheffield, 27 in Norwich, 14 in Nottingham, 10 each in Birmingham and Hull, 7 in Newcastle, 6 in Wolverhampton, 5 in Leeds, and 4 each in Leicester and Sunderland. Bradford was the only town of the eighteen in which no death from small-pox was returned. The annual death-rate from the disease was equal to 17 per 1000 in Norwich, to 8 per 1000 each in Nottingham and Sheffield, 5 in Wolverhampton, 4 in Hull, 3 in Newcastle, 2 each in Leicester and Sunderland, and to 1 per 1000 each in Birmingham, Salford, Oldham, and Leeds; the annual rate in London, and in each of the other towns was less than one per 1000. The rates showed a considerable decline last week in most of the towns, while in Leicester it had increased.

London.

In London 2508 births and 1423 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 38, while the deaths were no less than 321 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to 26 per 1000 in each of the first three weeks of the year, and to 25 in the fourth, further declined to 22 last week, a lower rate than has prevailed in any week since the beginning of November last; the rate last week was 21 in the West, 23 in the North, 25 in the Central, 24 in the East, and 21 in the South Districts.

The 1423 deaths included 52 from small-pox, 32 from measles, 32 from scarlet fever, 4 from diphtheria, 115 from whooping-cough, 26 from different forms of fever (of which one was certified as typhus, 16 as enteric or typhoid, and 9 as simple continued fever), and 6 from diarrhœa; thus to the seven principal diseases of the zymotic class 267 deaths were referred, against 366 and 295 in the two preceding weeks. The fatal cases of small-pox showed a considerable decline, while those of whooping-cough were more numerous. The 32 deaths from scarlet fever were 25 below the corrected average number in the corresponding week of the last ten years, but showed a considerable excess in Camberwell and Peckham; in the latter sub-district 7 deaths were referred to this disease out of a total of 18 deaths from all causes, and against 2 and 7 in the two previous weeks. The greatest fatality from whooping-cough was shown in Islington and Southwark.

The deaths from small-pox, which in the six previous weeks had been remarkably stationary, ranging only between 90 and 97, declined last week to 52; these, however, exceeded by 10 the corrected average number in the ten previous corresponding weeks. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 27 fatal cases were recorded last week, against 36 and 37 in the two previous weeks. Three deaths from this disease were returned in Bow.

The mean temperature at Greenwich has been almost continuously above the average in fifty years since the 12th December last, and the average daily excess

during the 53 days ending last Saturday was 4°·2; the mean last week was 44°·4, showing an excess of 6°·4, and was equal to the average temperature in the last week of March. On Thursday the mean was 46°·3 and 8°·5 above the average. The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 561 and 582, declined to 482 last week; this number was no less than 130 below the corrected number in the corresponding week of the ten years 1862–71. This is undoubtedly due to the recent mild weather.

To different forms of violence 38 deaths were referred; of these, 28 were the result of accident or negligence, including 12 from fractures and contusions, 4 from burns and scalds, 2 from drowning, and 9 from suffocation, 8 of which were of infants under one year of age. Of the deaths from fractures and contusions, 4 were caused by horses or vehicles in the streets, making 18 which have so resulted since the beginning of the year: there is unfortunately at present no means of ascertaining the number of those who are maimed and injured, instead of being killed outright, by this class of accidents. Four cases of infanticide, and six of suicide, were registered last week.

In the large Public Institutions 245 deaths were recorded, or 17 per cent. of the total deaths; of these 127 occurred in Workhouses, and 106 in Hospitals.

Foreign Cities.

In Paris 757 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 81 deaths occurred in the week ending the 27th ultimo, and the annual death-rate was 23 per 1000. In Berlin during the week ending the 1st instant 529 deaths were recorded, showing an annual rate of 33 per 1000; the deaths from small-pox, which had been 107 and 109 in the two previous weeks, declined last week to 66. In Vienna the 379 deaths in the week ending the 27th ultimo gave an annual rate of 32 per 1000. In Rome 252 deaths were registered in the week ending the 21st, and the annual death-rate was 58 per 1000; 45 deaths were referred to small-pox (equal to an annual rate of 10 per 1000), against 42 and 49 in the two previous weeks.

In the City of New York 475 deaths were registered in the week ending 13th January, and the equivalent annual rate of mortality was 26 per 1000.

In Bombay the deaths registered during the week ending the 9th ultimo were 366, and the mortality was at the annual rate of 23 per 1000. In Madras the 254 deaths in the week ending December 22d showed an annual death-rate equal to 31 per 1000 of the population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the highest reading was 29·99 in. on Sunday morning, and the lowest 29·40 in. on Thursday morning. The mean temperature of the *air* was 44°·4, or 6°·4 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature was above the average on each day of the week; on Sunday the mean was 40°·0 or 1°·6 above the average, while on Thursday it was 46°·3 and showed an excess of 8°·5; an excess of 8°·3 was also reached on Tuesday, Wednesday, and Friday. The highest day temperature in the shade was 54°·2 on Friday, and the lowest night temperature 36°·3 on Sunday; the entire range of temperature in the week was, therefore, 17°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 89°·3 on Wednesday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·3. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 42°·3. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was S.W. and S.S.W., and the horizontal movement of the air averaged 14 miles per hour. *Rain* fell during the week, to the amount of 0·04 in., of which ·01 in. fell on Monday and ·03 on Friday.

The mean temperature in the other large English towns furnishing returns ranged from 42°·4 in Norwich, to 47°·6 in Bradford; the lowest recorded night temperature was 28°·8 in Portsmouth, and the highest day temperature in the shade 56°·4 in Liverpool. Rain was measured in each of these towns; the amounts varied from ·18 of an inch in Portsmouth and Bradford, to ·91 of an inch in Wolverhampton.

In Centigrade degrees the mean temperature of the air at Greenwich was 6°·89, or 3°·56 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 12°·33, the lowest night temperature 2°·39, and the highest temperature in the sun 31°·83. The wind blew at the rate of 22 kilometres an hour, and the rain-fall measured ·10 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 244,821 cubic metres, and at Barking 295,341 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	2020	2111	2078	2277	2171	2390	2364	2316	2378	2350	2245·5	2508
Males . .	1007	1123	1055	1175	1100	1237	1207	1134	1172	1173	1138·3	1292
Females .	1013	988	1023	1102	1071	1153	1157	1182	1206	1177	1107·2	1216
TOTAL **Deaths**	1492	1354	1655	1773	1417	1628	1394	1631	1828	1683	1585·5	1423
Males . .	763	695	826	852	757	854	735	799	938	801	802·0	710
Females .	729	659	829	921	660	774	659	832	890	882	783·5	713

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Nov. 11.	Nov. 18.	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.
TOTAL **Deaths** - - -	1365	1626	1863	1918	1856	2121	1943	1686	1617	1632	1628	1602	1423
Deaths under 5 years of age -	571	688	742	813	809	865	813	701	683	663	652	647	571
Deaths 5—20 - - -	106	119	118	121	126	133	119	122	102	110	114	113	88
Deaths 20—40 - - -	206	222	250	233	247	272	254	224	225	215	227	242	201
Deaths 40—60 - - -	209	239	342	315	284	352	319	281	266	283	264	253	241
Deaths 60—80 - - -	221	296	338	359	322	409	361	292	280	306	301	282	271
Deaths at 80 years & upwards	52	62	73	77	68	90	77	66	61	55	70	65	51
Deaths from Smallpox - -	54	76	67	78	104	106	90	97	91	90	93	90	52
" " Measles - -	42	49	60	83	81	97	102	75	67	51	60	41	32
" " Scarlet Fever -	32	40	34	39	34	37	28	34	24	23	34	19	32
" " Diphtheria -	5	6	4	10	10	7	3	2	3	3	6	7	4
" " Whooping-cough	42	36	64	72	85	99	117	79	92	115	115	98	115
" " Typhus fever -	6	5	4	12	6	9	6	4	2	4	7	7	1
" " Enteric (or Typhoid) fever -	32	27	27	19	35	23	32	33	26	25	35	14	16
" " Simple Cont^{d} fever	7	7	13	8	10	10	12	8	12	12	6	7	9
" " Diarrhœa - -	21	17	7	16	14	15	13	9	7	3	10	12	6
" " Simple Cholera -	2	—	—	—	—	—	—	—	—	—	—	—	—
" " Phthisis - -	162	160	219	168	179	224	182	164	160	162	171	194	162
" " Bronchitis - -	180	287	380	457	357	482	364	302	273	278	262	259	197
" " Pneumonia - -	105	115	162	132	155	139	117	101	97	96	75	88	82
" " Heart Disease -	61	85	88	103	77	93	99	77	74	62	91	70	72
Mean Temperature of the Air	39°·2	35°·3	34°·3	36°·4	29°·8	39°·9	41°·6	43°·0	41°·5	40°·3	39°·1	42°·0	44°·4
Mean Temperature of the Water of the Thames -	46°·6	42°·1	38°·5	38°·0	36°·0	34°·3	37°·7	39°·9	40°·5	38°·7	39°·7	40°·3	42°·3
Humidity of the Air - -	84	84	86	89	81	90	92	89	84	90	89	92	85
Rain-fall in inches - -	0·03	0·29	0·10	0·12	0·04	0·10	0·51	0 56	1·19	0·71	0·54	1·18	0·04

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton: D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 3d day of February 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 3d Feb. 1872.	DEATHS registered during the Week ending 3d Feb. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5668	3677	56·4	28·8	44·9	7·17	0·47	1·
LONDON	77,997	3,312,591	42·5	2508	1423	54·2	36·3	44·4	6·89	0·04	0·
PORTSMOUTH	9,513	115,455	12·1	90	55	54·2	28·8	42·6	5·89	0·18	0·
NORWICH	7,472	81,105	10·9	59	61	51·0	33·5	42·4	5·78	0·23	0·
BRISTOL	4,688	186,428	39·8	125	87	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	53	37	53·9	35·8	45·1	7·28	0·91	2·
BIRMINGHAM	7,831	350,164	44·7	290	145	53·6	35·5	45·7	7·61	0·72	1·
LEICESTER	3,200	99,143	31·0	93	31	53·0	33·7	44·4	6·89	0·36	0·
NOTTINGHAM	1,996	88,225	44·2	64	49	53·8	34·1	45·0	7·22	0·44	1·
LIVERPOOL	5,108	499,897	97·9	410	273	56·4	34·6	45·4	7·44	0·45	1·
MANCHESTER	4,486	352,759†	78·6	262	205	55·3	33·0	44·8	7·11	0·63	1·
SALFORD	5,172	127,923	24·7	100	71	55·2	30·9	44·5	6·95	0·65	1·
OLDHAM	4,167	84,004	20·2	70	43	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	138	87	56·0	37·5	47·6	8·66	0·18	0·
LEEDS	21,572	266,564	12·4	249	135	56·0	36·0	46·5	8·05	0·46	1·
SHEFFIELD	22,830	247,847	10·9	195	141	53·2	34·5	45·2	7·33	0·73	1·
HULL	3,562	124,976	35·1	104	67	54·0	31·0	43·5	6·39	0·45	1·
SUNDERLAND	3,306	100,665	30·4	84	53	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	98	66	54·0	37·0	45·1	7·28	0·41	1·
EDINBURGH	4,427	205,146	46·3	115	131	54·0	31·0	43·4	6·33	0 40	1·
GLASGOW	5,063	489,136	94·8	376	285	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	185	232	56·2	35·8	47·2	8·44	0·76	1·

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the corr population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The num for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 3d day of February 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Public
Total of 18 TOWNS	25	3029	684	612	187	52	74	11	221	69	22	80	172	4
LONDON	22	1423	305	322	52	32	32	4	115	26	6	38	97	2
PORTSMOUTH	25	55	9	11	2	1	–	–	3	1	1	1	2	
NORWICH	39	61	13	11	27	–	–	–	–	–	–	–	1	
BRISTOL	24	87	20	22	1	2	2	–	5	–	2	2	2	
WOLVERHAMPTON	28	37	11	7	6	–	–	–	4	–	2	1	1	
BIRMINGHAM	22	145	36	24	10	–	4	4	7	3	2	1	10	
LEICESTER	16	31	14	3	4	–	1	1	2	–	–	–	–	
NOTTINGHAM	29	49	8	9	14	1	–	–	–	2	–	–	–	
LIVERPOOL	28	273	60	63	2	2	7	1	24	16	1	12	15	
MANCHESTER	30	205	42	26	1	–	9	–	27	8	1	7	16	
SALFORD	29	71	18	11	3	1	–	–	9	–	–	3	4	
OLDHAM	27	43	13	5	2	2	2	–	5	3	1	–	–	
BRADFORD	30	87	18	17	–	1	–	1	1	2	1	2	2	
LEEDS	26	135	43	27	5	1	2	–	5	3	2	6	10	
SHEFFIELD	30	141	33	24	37	2	5	–	4	–	2	2	4	
HULL	28	67	15	13	10	–	1	–	4	1	–	3	4	
SUNDERLAND	27	53	13	6	4	4	6	–	–	3	–	–	1	
NEWCASTLE-ON-TYNE	26	66	13	11	7	3	3	–	6	1	1	2	3	
DUBLIN	39	232	33	58	45	2	6	1	–	5	4	7	7	9

Table 5.—Deaths in London Registered in the Fifth Week of the Year 1872.

CAUSES OF DEATH.	Averages of the Fifth Weeks of the 10 years 1862–71.	In the Week ending Saturday, February 3, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°8	44°4						
ALL CAUSES – –	1585·5	1423	571	88	201	241	271	51
SPECIFIED CAUSES	1564·9	1420	569	88	201	240	271	51
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	38·1	52	21	12	13	5	1	–
Measles – – – –	24·6	32	27	4	1	–	–	–
Scarlet Fever (Scarlatina)	51·7	32	22	8	2	–	–	–
Diphtheria – – –	10·5	4	1	2	1	–	–	–
Quinsy – – – –	·9	–	–	–	–	–	–	–
Croup – – – –	17·3	7	5	2	–	–	–	–
Whooping-cough – –	68·2	115	108	7	–	–	–	–
Typhus – – – –	59·2	1	1	–	–	–	–	–
Enteric or Typhoid Fever		16	2	2	7	5	–	–
Simple continued Fever		9	2	1	1	4	1	–
Erysipelas – – –	6·5	10	3	1	1	2	3	–
Puerperal Fever (Metria)	3·5	2	–	–	2	–	–	–
Carbuncle – – –	1·4	–	–	–	–	–	–	–
Influenza – – –	2·1	–	–	–	–	–	–	–
Dysentery – – –	1·0	1	–	–	–	1	–	–
Diarrhœa – – –	15·3	6	5	–	–	–	1	–
Simple Cholera – –	·3	–	–	–	–	–	–	–
Ague – – – –	·6	1	–	1	–	–	–	–
Remittent Fever – –	·7	–	–	–	–	–	–	–
Rheumatism – – –	9·6	10	–	5	3	1	–	1
Other *Zymotic* Diseases –	—	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	8·9	5	5	–	–	–	–	–
Stricture of Urethra –	1·8	2	–	–	–	2	–	–
Hydrophobia – – –	·1	–	–	–	–	–	–	–
Glanders – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – – –	1·2	2	–	1	–	–	1	–
Want of Breast-milk –	8·1	7	7	–	–	–	–	–
Purpura and Scurvy –	1·3	4	2	–	1	–	1	–
Alcoholism { *a* Del. Tremens	2·1	2	–	–	1	1	–	–
Alcoholism { *b* Intemperance	1·0	2	–	–	–	–	2	–
Order 4.								
Thrush – – – –	2·1	1	1	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	1·5	3	–	–	–	2	1	–
Dropsy – – – –	14·0	15	3	–	2	3	7	–
Cancer – – – –	27·2	38	–	–	5	20	13	–
Cancrum Oris (Noma) –	·7	–	–	–	–	–	–	–
Mortification – – –	3·8	2	1	–	–	–	1	–
Order 2.								
Scrofula – – – –	9·4	9	3	2	1	3	–	–
Tabes Mesenterica – –	16·4	13	13	–	–	–	–	–
Phthisis – – –	171·6	162	11	11	84	48	8	–
Hydrocephalus – –	27·2	22	20	2	–	–	–	–
LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	13·1	19	10	3	1	4	1	–
Apoplexy – – – –	40·4	42	8	1	5	12	14	2
Paralysis – – – –	37·5	25	–	–	–	3	21	1
Insanity – – – –	2·2	–	–	–	–	–	–	–
Chorea – – – –	·3	–	–	–	–	–	–	–
Epilepsy – – – –	6·6	8	1	1	2	2	1	1
Convulsions – – –	58·2	53	51	1	1	–	–	–
Brain Disease, &c. – –	18·9	17	5	1	2	7	2	–
Order 2.								
Pericarditis – – –	2·8	2	–	1	–	–	1	–
Aneurism – – – –	2·9	5	–	–	3	1	1	–
Heart Disease, &c. – –	71·2	72	3	3	14	16	34	2
Order 3.								
Laryngitis – – –	9·1	8	7	1	–	–	–	–
Bronchitis – – –	247·2	197	54	4	9	30	80	20
Pleurisy – – – –	3·7	2	–	–	–	–	2	–
Pneumonia – – – –	88·2	82	56	–	8	11	6	1
Asthma – – – –	19·3	7	–	–	1	4	2	–
Lung Disease, &c. – –	17·0	24	9	1	2	4	8	–
Order 4.								
Gastritis – – – –	1·9	2	–	–	–	1	1	–
Enteritis – – – –	5·3	2	–	–	–	–	2	–
Peritonitis – – – –	4·7	3	–	–	–	2	–	1
Ascites – – – –	3·1	2	–	–	–	1	1	–
Ulceration of Intestines –	2·5	8	1	1	2	2	2	–
Hernia – – – –	2·3	5	–	–	2	2	1	–
Ileus – – – –	3·1	1	–	–	–	1	–	–
Intussusception – –	·9	3	1	–	–	1	1	–

CAUSES OF DEATH.	Averages of the Fifth Weeks of the 10 years 1862–71.	In the Week ending Saturday, February 3, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°8	44°4						
9. Stricture of Intestines –	·6	1	–	–	–	–	1	–
10. Fistula – – – –	·5	1	–	–	1	–	–	–
11. *Stomach Disease, &c.* –	6·8	1	–	–	1	–	–	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – –	3·8	3	–	–	–	2	1	–
14. Jaundice – – –	3·2	3	1	–	–	1	1	–
15. *Liver Disease, &c.* – –	14·5	16	–	–	2	8	6	–
16. *Spleen Disease, &c.* – –	·1	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·7	–	–	–	–	–	–	–
2. Ischuria – – – –	·4	2	1	–	1	–	–	–
3. Bright's Disease (Nephria)	9·8	7	–	1	1	4	1	–
4. Diabetes – – – –	2·2	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·5	–	–	–	–	–	–	–
6. Cystitis – – – –	1·0	1	–	–	–	1	–	–
7. *Kidney Disease, &c.* – –	7·1	6	–	1	2	2	1	–
Order 6.								
1. Ovarian Dropsy – –	1·0	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	3·4	7	–	–	2	5	–	–
Order 7.								
1. Synovitis (Arthritis) –	—	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·7	3	–	–	1	1	–	1
Order 8.								
1. Phlegmon – – –	2·0	5	–	–	1	3	1	–
2. Ulcer – – – –	1·4	–	–	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·0	2	1	–	–	1	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	20·8	21	21	–	–	–	–	–
2. Cyanosis – – – –	2·3	3	2	1	–	–	–	–
3. Spina Bifida – – –	1·9	–	–	–	–	–	–	–
4. Other Malformations –	2·2	–	–	–	–	–	–	–
5. Teething – – – –	19·2	15	15	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·5	9	–	–	6	3	–	–
Order 3.								
1. Old Age – – – –	73·7	47	–	–	–	–	27	20
Order 4.								
1. Atrophy and Debility –	54·0	53	43	–	–	1	9	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	14·2	12	1	3	4	4	–	–
2. Wounds { Gunshot –	·7	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		1	–	–	–	–	1	–
3. Burns and Scalds – –	9·3	4	2	1	–	–	–	1
4. Poison – – – –	1·2	–	–	–	–	–	–	–
5. Drowning – – –	3·7	2	–	1	1	–	–	–
6. Suffocation – – –	8·9	9	9	–	–	–	–	–
7. Otherwise – – –	2·2	–	–	–	–	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·5	4	4	–	–	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot –	—	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	·4	1	–	–	1	–	–	–
2. Poison – – – –	·3	2	–	1	–	1	–	–
3. Drowning – – –	·9	1	–	–	–	–	1	–
4. Hanging – – – –	1·1	1	–	–	–	1	–	–
5. Otherwise – – –	·6	1	–	–	–	1	–	–
Order 5. (Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·2	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·9	1	1	–	–	–	–	–
Causes not specified or ill-defined – – – –	17·7	2	1	–	–	1	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2508	1423	305	322	52	32	32	4	115	1	16	9	6	38	97	245
WEST DISTRICTS	561,189	388	230	56	63	3	4	3	1	9	–	3	1	2	9	14	43
NORTH DISTRICTS	751,668	564	333	58	82	20	6	5	1	32	1	6	2	–	6	20	69
CENTRAL DISTRICTS	333,887	228	160	30	29	–	6	–	1	18	–	–	2	–	2	11	29
EAST DISTRICTS	638,928	534	301	69	61	7	9	6	–	24	–	4	3	2	10	30	44
SOUTH DISTRICTS	966,132	794	399	92	87	22	7	18	1	32	–	3	1	2	11	22	60
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	45	26	8	9	–	–	–	1	–	–	–	–	–	3	3	4
St. John Paddington H	38082	25	18	3	2	1	–	–	–	1	–	–	–	–	3	4	3
Kensington Town *WL*	91583	72	29	14	7	2	1	–	–	–	–	–	–	–	–	–	2
Brompton H	28651	11	17	2	6	–	–	2	–	–	–	–	–	–	–	2	2
St. Peter Hammersmith	6662	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	29	9	2	2	–	–	–	–	–	–	1	–	–	–	2	–
Fulham *WLLLL*	23378	13	13	3	1	–	–	1	–	–	–	–	–	–	–	–	5
Chelsea South HH	26419	18	14	1	5	–	–	–	–	1	–	–	–	–	–	4	4
Chelsea North-west H*Ww*	23278	20	18	6	6	–	–	–	–	2	–	–	–	1	–	–	6
Chelsea North-east L	21389	9	10	2	4	–	1	–	–	–	–	–	–	–	1	2	–
Hanover Square	18700	8	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	6	6	2	3	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	42	23	5	6	–	–	–	–	–	–	–	–	–	1	1	2
St. John Westminster HHH	38470	32	12	4	5	–	–	–	–	2	–	–	–	1	–	–	–
St. Margaret Westminster *WWHH*	27640	27	14	2	1	–	–	–	–	1	–	2	–	–	1	–	8
St. James's Square	10453	7	3	1	2	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	4	6	1	1	–	–	–	–	–	–	–	1	–	–	–	2
Berwick-street	10279	7	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	8	8	–	1	–	1	–	–	2	–	–	–	–	–	–	–
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	20	28	3	5	–	–	–	–	1	–	2	1	–	–	–	9
Cavendish Square	15419	8	8	1	2	–	–	–	–	2	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	12	14	1	4	–	–	–	–	1	–	–	–	–	1	2	9
St. Mary Marylebone H	21795	19	10	1	3	–	–	–	–	1	–	–	–	–	–	–	–
Christchurch Marylebone	33892	25	13	3	2	–	–	–	–	1	–	–	–	–	–	–	–
St. John Marylebone	33110	32	11	3	3	–	–	–	–	–	–	–	–	–	1	2	–
Hampstead *W*HH	32271	12	13	1	6	7	–	–	–	–	–	–	–	–	–	1	7
Regent's Park Pancras	38192	23	17	2	3	–	–	1	–	3	–	–	–	–	–	–	–
Tottenham-court *wH*	29360	29	16	2	3	–	1	–	–	2	–	–	–	–	2	2	7
Gray's Inn Lane H	29216	22	9	2	1	–	–	–	–	2	–	–	–	–	1	1	1
Somers Town	38562	33	13	4	2	1	–	–	–	–	–	–	–	–	–	1	–
Camden Town *W*	18066	14	10	1	4	–	–	–	–	1	–	–	–	–	–	4	5
Kentish Town *W*	68198	47	35	8	5	1	2	–	1	3	–	1	–	–	–	3	4
Islington West *WHHH*	97801	100	35	5	7	4	–	1	–	3	–	–	–	–	–	–	5
Islington East *Www*	115948	93	40	13	12	–	2	–	–	7	1	–	–	–	–	–	4
Stoke Newington L	9810	4	4	–	3	–	–	–	–	–	–	–	–	–	–	1	–
Stamford Hill	6599	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	14	14	2	6	–	–	–	–	3	–	1	1	–	–	–	–
Hackney *Ww*HL	50087	30	33	2	10	5	–	3	–	2	–	2	–	–	1	1	18
South Hackney L	30305	25	9	3	1	2	1	–	–	–	–	–	–	–	–	2	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	15	7	–	–	–	1	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	16	11	1	5	–	1	–	–	1	–	–	–	–	–	–	2
St. Giles North	16497	8	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *WH*	9831	1	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	4	7	1	1	–	–	–	–	–	–	–	–	–	–	–	3
St. George-the-Martyr HHH	20521	9	11	2	3	–	–	–	–	–	–	–	1	–	–	–	–
St. Andrew East Holborn *W*	13528	11	13	2	3	–	–	–	–	–	–	–	1	–	–	1	10
Saffron Hill	9051	6	3	1	–	–	–	–	–	1	–	–	–	–	–	1	–
St. James Clerkenwell *W*	18912	17	6	3	–	–	–	–	–	–	–	–	–	–	–	–	1
Amwell Clerkenwell	16878	18	10	4	2	–	–	–	–	3	–	–	–	–	–	3	–
Pentonville	13293	17	11	3	–	–	–	–	–	3	–	–	–	–	–	2	–
Goswell-street	16220	14	9	1	2	–	–	–	–	1	–	–	–	–	–	–	–
Old-street	12156	8	6	1	2	–	–	–	–	1	–	–	–	–	–	–	–
City-road *WHHL*	18291	21	11	1	2	–	1	–	–	2	–	–	–	–	–	1	1
Whitecross-street	13790	9	6	2	–	–	1	–	–	1	–	–	–	–	–	1	–
Finsbury	10732	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	9	3	1	–	–	–	–	–	1	–	–	–	–	–	–	1
Cripplegate	13639	6	7	1	1	–	2	–	–	1	–	–	–	–	–	–	–
St. Sepulchre H	7562	5	11	–	1	–	–	–	–	–	–	–	–	–	1	1	11
St. Bride *W*	11184	7	6	2	3	–	–	–	1	1	–	–	–	–	–	–	–
Castle Baynard	4389	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	4	–	1	–	–	–	–	–	–	–	–	–	1	1	–
Allhallows Barking	5694	1	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	6	5	2	–	–	–	–	–	2	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
urday, 3d February 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	10	11	2	3	–	–	1	–	1	–	–	–	–	–	–	2
Leonard Shoreditch HL†	16545	20	6	–	–	–	–	1	–	1	–	–	–	–	–	–	–
xton New Town *w*	27832	28	13	–	4	–	1	–	–	2	–	–	–	1	2	4	1
xton Old Town	26944	24	13	4	–	–	–	1	–	1	–	1	–	–	1	1	–
ggerstone West *W*	24153	15	12	2	3	–	1	–	–	1	–	–	2	–	–	–	5
ggerstone East	19257	16	7	4	1	1	–	–	–	1	–	–	–	–	–	–	–
ackney-road	29808	28	22	5	3	1	2	1	–	2	–	2	–	–	1	4	–
een, Bethnal Green *WHL*†	42443	38	20	7	5	–	–	–	–	1	–	–	–	–	–	–	5
urch, Bethnal Green	26574	28	16	5	1	–	2	–	–	–	–	–	–	–	1	4	–
wn, Bethnal Green	21375	18	8	2	–	–	1	–	–	–	–	–	–	–	1	3	–
tillery Whitechapel	6651	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
italfields	15844	14	5	1	1	–	–	–	–	1	–	–	–	–	–	–	–
le End New Town *W*	15550	16	13	3	3	–	–	–	–	2	–	–	–	–	–	1	4
hitechapel North	11434	13	4	1	–	–	–	–	–	2	–	–	–	–	1	1	5
hitechapel Church H	7323	5	7	–	2	–	–	–	–	–	–	–	–	–	–	–	–
odman's Fields	10381	7	3	1	1	1	–	–	–	1	–	–	–	–	–	–	–
dgate	9149	3	4	–	1	–	–	–	–	1	–	–	–	–	–	–	–
. Mary St. George East	17906	21	5	1	2	–	–	–	–	1	–	–	–	–	1	2	–
. Paul St. George East	21356	18	9	2	2	–	–	–	–	–	–	–	–	–	–	–	–
. John St. George East *W*	8973	11	3	2	1	–	–	–	–	–	–	–	–	–	–	–	–
adwell *W*	11623	4	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
atcliff *WH*	15930	9	5	–	3	–	–	–	–	–	–	–	–	–	–	–	–
rnehouse *W*	30025	27	11	3	3	–	–	–	–	1	–	–	–	1	–	1	–
le End Old Town West	38126	28	25	6	3	1	–	1	–	4	–	–	1	–	1	3	–
le End Old Town East *Ww*H	55020	42	22	6	7	–	–	1	–	–	–	1	–	–	–	2	4
ow *Ww*HL†	67777	52	38	7	8	3	–	–	–	1	–	–	–	–	1	1	16
oplar *W*	48500	37	16	4	4	–	2	–	–	–	–	–	–	–	–	3	2
SOUTH DISTRICTS.																	
hristchurch Southwark *W*	14547	8	8	1	6	–	–	–	–	1	–	–	–	–	–	–	4
t. Saviour Southwark H	15667	13	10	2	2	–	1	–	–	2	–	–	–	–	–	–	–
ent-road	20430	18	4	1	–	–	1	–	–	–	–	–	–	–	–	–	–
orough-road *WH*	16694	20	21	7	2	–	–	1	–	6	–	–	–	–	–	–	5
ondon-road L	18959	18	12	5	1	–	–	–	–	2	–	–	–	–	–	–	–
rinity Newington	23673	24	5	2	–	–	–	–	–	2	–	–	–	–	–	–	–
t. Peter Walworth *W*	48232	43	24	5	11	–	–	–	1	3	–	–	–	–	–	–	9
t. Mary Newington H	16786	10	7	1	1	–	–	–	–	–	–	–	1	–	–	–	–
t. Olave Southwark H	4157	2	5	1	–	–	–	–	–	1	–	–	–	–	2	2	4
t. John Horsleydown *W*	10595	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eather Market	16785	10	5	–	2	1	–	–	–	1	–	–	–	–	–	–	–
t. Mary Magdalen *W*	15707	9	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
t. James Bermondsey	47921	48	12	5	4	–	–	–	–	2	–	–	–	–	1	1	–
otherhithe *W*	25873	33	10	3	2	1	–	–	–	–	–	–	–	–	–	–	–
Vaterloo-road 1st H	14086	20	5	–	–	–	1	–	–	1	–	–	–	–	–	–	1
Vaterloo-road 2nd H	18453	29	11	3	3	–	–	–	–	2	–	–	–	–	–	–	–
ambeth Church 1st	19470	14	14	1	2	1	1	1	–	1	–	–	–	–	2	–	5
ambeth Church 2nd *W*	35831	27	19	4	5	2	–	–	–	–	–	1	–	–	–	2	4
ennington 1st *W*	41284	29	9	2	3	–	–	–	–	1	–	–	–	–	–	–	–
ennington 2nd	31213	17	9	1	4	–	–	–	–	–	–	–	–	–	–	1	–
rixton HL	33431	26	20	3	2	12	–	1	–	–	–	–	–	1	–	1	11
orwood *W*	12534	5	4	1	1	–	1	–	–	–	–	–	–	–	–	–	–
lapham HL	27348	15	12	2	2	–	–	–	–	1	–	–	–	–	–	–	–
attersea *W*	53988	49	14	7	1	–	–	1	–	2	–	–	–	–	1	1	1
andsworth HL	19797	15	4	–	2	–	–	–	–	–	–	–	–	–	–	–	2
utney	9438	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
reatham	14479	9	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ulwich	4041	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
amberwell *WL*†L†	31251	15	20	3	5	–	1	4	–	1	–	–	–	–	–	–	2
eckham *W*	42159	35	18	1	2	–	–	7	–	1	–	–	–	–	–	–	–
t. George Camberwell	33851	25	19	3	4	1	1	2	–	1	–	1	–	–	–	–	–
t. Paul Deptford	53696	49	16	4	7	1	–	–	–	–	–	–	–	–	1	2	–
t. Nicholas Deptford	6487	9	3	1	1	–	–	–	–	–	–	–	–	–	–	1	–
reenwich West	21098	18	7	2	1	1	–	–	–	–	–	–	–	–	–	2	–
reenwich East *WH*	19320	18	14	4	3	–	–	–	–	1	–	–	–	–	3	3	8
ltham	4528	2	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
ee	16430	13	5	2	1	1	–	–	–	–	–	–	–	–	–	2	2
ewisham Village *W*	11508	12	4	2	–	–	–	–	–	–	–	–	1	–	–	1	–
ydenham	19016	17	9	1	2	1	–	–	–	–	–	–	–	1	–	–	2
harlton H	9503	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
oolwich Dockyard	17229	16	5	3	1	–	–	–	–	–	–	–	–	–	–	1	–
oolwich Arsenal H	18319	15	10	4	1	–	–	–	–	–	–	–	–	–	–	1	–
lumstead, West	13028	9	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–
lumstead, East *W*	15290	13	5	3	–	–	–	–	–	–	–	–	–	–	1	–	–

he following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.
Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3d FEBRUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	+ °				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	28	..	29·905	44·3	36·3	8·0	40·0	37·4	50·5	29·5	42·4	40·8	2·6	6·2	1·2	+ 1·6	91	N.&NNE.	SSW.& SW.	0·3	0·0	0·0	105	0·00	..
MONDAY . .	29	..	29·763	47·7	37·4	10·3	43·6	42·0	56·5	31·4	42·4	40·6	1·6	4·2	0·9	+ 5·3	94	SSW.	SW.	2·9	0·0	0·6	427	0·01	..
TUESDAY .	30	..	29·705	50·5	42·8	7·7	46·4	42·1	60·9	37·5	42·4	40·4	4·3	6·9	2·1	+ 8·3	85	SW.	SW.& SSW.	2·7	0·0	0·4	375	0·00	..
WEDNESDAY	31	In Equator	29·685	52·7	40·1	12·6	46·2	35·8	89·3	35·0	43·1	41·0	10·4	18·0	4·6	+ 8·3	67	SSW. & SW.	SSW.	3·9	0·0	0·4	348	0·00	..
FEBRUARY.																									
THURSDAY.	1	..	29·503	51·6	41·7	9·9	46·3	40·3	76·0	34·9	44·0	41·5	6·0	7·6	5·7	+ 8·5	79	S. by W.	S. by W. & S.	14·0	0·0	1·1	461	0·00	..
FRIDAY . .	2	Last Qr.	29·563	54·2	39·7	14·5	46·0	42·5	87·1	36·0	44·1	42·2	3·5	10·6	1·1	+ 8·3	87	SSW & SW	SW.	4·1	0·0	0·4	319	0·03	..
SATURDAY.	3	..	29·752	46·0	38·1	7·9	42·0	40·5	54·5	29·7	44·6	42·8	1·5	3·8	0·0	+ 4·2	94	SSW.	SSW, S. by E, & S.	1·4	0·0	0·1	252	0·00	..
MEANS . .		..	29·697	49·6	39·4	10·1	44·4	40·1	67·8	33·4	43·3	41·3	4·3	8·2	2·2	+ 6·4	85	SW. & SSW.		..	..	..	Sum 2287	Sum 0·04	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JANUARY.			
SUNDAY .	28	Occasional positive, with variable tension.	Overcast and misty till noon. The amount of cloud then gradually decreased, and the sky was nearly cloudless at night. Fine.
MONDAY .	29	A little weak positive at times.	Overcast and dull throughout the day. Rain fell for a short time at mid-day. Brisk wind at night.
TUESDAY .	30		A dull cloudy morning, and thin rain fell about 10h. A.M. Fine in the afternoon and evening; light clouds present.
WEDNESDAY	31	No electricity shown.	A very fine day. The amount of cloud was large in the early morning, but very small from noon onwards. A faint aurora at night.
FEBRUARY.			
THURSDAY .	1		Overcast generally till the evening. A little rain fell in the afternoon. Fine, with variable amounts of cloud at night.
FRIDAY .	2	Positive, with weak tension at night.	Rain fell in early morning; sky overcast. Fine day, though cloudy at times. A cloudless night.
SATURDAY .	3	No electricity shown.	Overcast till night; then variable. Very dull throughout.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·77 in. at the beginning of the week to 29·99 in. by 9h. P.M. on the 28th; decreased to 29·66 in. by 9h. P.M. on the 29th; increased to 29·74 in. by 9h. A.M. on the 31st of January; decreased to 29·40 in. by 9h. P.M. on the 1st of February; increased to 29·78 in. by 9h. A.M. on the 3rd; and was 29·71 in. by the end of

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
12th February 1872.

United Kingdom.

During the week ending Saturday the 10th instant, 5475 *births* and 3760 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 27 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 37 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 39; the 231 deaths in Dublin included 47 from small-pox, against 40 and 45 in the two previous weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 24 per 1000; Portsmouth 24, Norwich 39, Bristol 21, Wolverhampton 33, Birmingham 23, Leicester 17, Nottingham 28, Liverpool 27, Manchester 28, Salford 25, Oldham 29, Bradford 24, Leeds 26, Sheffield 30, Hull 23, Sunderland 34, and Newcastle-upon-Tyne 33. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had declined from 279 to 187, rose again last week to 202; of these, 68 occurred in London, 33 in Sheffield, 22 in Norwich, 14 in Wolverhampton, 9 each in Nottingham, Leeds, and Hull, 7 in Birmingham, 6 each in Newcastle and Bristol, and 5 in Sunderland. Bradford was again the only town of the eighteen in which no death from small-pox was returned. The annual death-rate from the disease was equal to 14 per 1000 in Norwich, 11 in Wolverhampton, 7 in Sheffield, 5 in Nottingham, 4 in Hull, 3 in Sunderland, 2 each in Newcastle, Leicester, Leeds, and Bristol, and to one per 1000 in London, Birmingham, and Oldham; the annual rate in each of the other towns was below one per 1000. The rates in Wolverhampton and London showed an increase on those of the previous week.

London.

In London 2492 births and 1524 deaths were registered last week. After making due allowance for increase of population, the births exceeded by one, while the deaths were 121 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 26, 25, and 22 per 1000, rose again last week to 24; the rate was 21 in the West, 27 in the North, 24 in the Central, 24 in the East, and 23 in the South Districts.

The 1524 deaths included 68 from small-pox, 40 from measles, 31 from scarlet fever, 3 from diphtheria, 88 from whooping-cough, 27 from different forms of fever (of which 4 were certified as typhus, 15 as enteric or typhoid, and 8 as simple continued fever), and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 270 deaths were referred, against 366, 295, and 267 in the three preceding weeks. The fatal cases of whooping-cough showed a considerable decline upon the numbers in recent weeks, while those of small-pox and measles were somewhat more numerous than in the previous week. Eight deaths were referred to scarlet fever in Peckham and Camberwell, 3 to measles in Poplar, and 10 to whooping-cough in Islington.

The deaths from small-pox, which in the previous week had declined to 52, rose again to 68 last week, and exceeded the corrected average number in the corresponding week of the last ten years by 30. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 34 fatal cases were returned last week, against 37 and 27 in the two preceding weeks. Out of these hospitals three deaths each were referred to this disease in Hackney Road (Bethnal Green), St. Mary (St. George-in-the-East), and Poplar sub-districts.

Again last week did the mean temperature of each day at the Royal Observatory, Greenwich, show a remarkable excess; the mean of the week was 46°·6,

and 8°·0 above the average for the same week in fifty years; on Saturday the mean was 49°·9, or equal to an average day at the beginning of May. The average daily excess during the 60 days ending Saturday last was 4°·6. The 480 deaths referred last week to diseases of the respiratory organs, including phthisis, showed a further slight decline upon the numbers in recent weeks, and were 52 below the corrected average number so returned in the corresponding week of the ten years 1862–71.

To different forms of violence 48 deaths were referred; of these, 42 were the result of negligence or accident, including 22 from fractures and contusions, 3 from burns and scalds, 2 from drowning, and 12 from suffocation, of which all but one were of infants under one year of age. Three cases of infanticide, 2 of suicide, and one of murder, were registered last week.

Two deaths resulting from injuries caused by horses or vehicles in the streets were registered last week, raising the number of deaths so caused since the beginning of the year to 20. From a return furnished to the Registrar General by the Chief Commissioner of Police, it appears that during the week ending Sunday, 11th instant, no less than 49 cases of injury and maiming from this class of accident came under the notice of the Police within the Metropolitan Police area; of these 42 occurred within the London Registration District.

In the large Public Institutions 281 deaths were recorded, or 18 per cent. of the total deaths; of these 149 occurred in Workhouses and 123 in Hospitals.

Foreign Cities.

In Paris 821 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 80 deaths occurred in the week ending the 3d instant, and the annual death-rate was 22 per 1000. In Berlin during the week ending 8th instant 545 deaths were recorded, showing an annual rate of 34 per 1000; the fatal cases of small-pox, which had been 109 and 66 in the two previous weeks, rose again to 94 last week. In Vienna the 382 deaths in the week ending the 3d gave an annual rate of 32 per 1000. In Rome 186 deaths were registered in the week ending the 28th ultimo, and the annual death-rate was 43 per 1000; 27 deaths were referred to small-pox (equal to an annual rate of 6 per 1000), against 49 and 45 in the two previous weeks.

In the City of New York 477 deaths were registered in the week ending 20th January, and the equivalent annual rate of mortality was 27 per 1000.

In Bombay the deaths registered during the week ending the 16th ultimo were 352, and the mortality was at the annual rate of 22 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the highest reading was 29·84 in. on Wednesday at noon, and the lowest 29·49 in. on Monday morning. The mean temperature of the *air* was 46°·6, or 8°·0 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature was considerably above the average on each day of the week, the excess varying between 5°·5 on Sunday and 11°·1 on Saturday, when the mean was so high as 49°·9. The highest day temperature in the shade was 57°·9 on Friday, and the lowest night temperature 32°·8 also on Friday; the entire range of temperature in the week was, therefore, 25°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 95°·9 on Friday. The difference between the mean *dew-point* temperature and *air* temperature averaged 3°·7. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 44°·2. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was S.S.W., and the horizontal movement of the air averaged 11 miles per hour. *Rain* fell on Sunday and Wednesday, to the amount of ·20 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 42°·7 in Newcastle-on-Tyne, to 45°·8 in Leicester; the lowest recorded night temperature was 32°·0 in Newcastle-on-Tyne, and the highest day temperature in the shade 57°·1 in Birmingham. Rain was measured in each of these towns; the amounts varied from ·27 of an inch in Salford, to ·93 of an inch in Birmingham.

In Centigrade degrees the mean temperature of the air at Greenwich was 8°·1, or 4°·4 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 14°·4, the lowest night temperature 0°·5, and the highest temperature in the sun 35°·5. The wind blew at the rate of 18 kilometres an hour, and the rain-fall measured ·51 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 226,330 cubic metres, and at Barking 257,171 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SIXTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	2197	2093	2005	2336	2315	2299	2397	2249	2289	2466	2264·6	2492
Males . .	1095	1055	1009	1171	1166	1173	1162	1152	1185	1257	1142·5	1210
Females .	1102	1038	996	1165	1149	1126	1235	1097	1104	1209	1122·1	1282
TOTAL **Deaths**	1384	1310	1647	1589	1316	1567	1394	1426	1568	1749	1495·0	1524
Males . .	704	629	803	764	691	850	738	724	763	875	754·1	764
Females .	680	681	844	825	625	717	656	702	805	874	740·9	760

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Nov. 18	Nov. 25.	Dec. 2	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.
TOTAL **Deaths**	1626	1863	1918	1856	2121	1943	1686	1619	1632	1628	1602	1423	1524
Deaths under 5 years of age	688	742	813	809	865	813	701	684	663	652	647	571	634
Deaths 5—20	119	118	121	126	133	119	122	103	110	114	113	88	102
Deaths 20—40	222	250	233	247	272	254	224	225	215	227	242	201	220
Deaths 40—60	239	342	315	284	352	319	281	266	283	264	253	241	230
Deaths 60—80	296	338	359	322	409	361	292	280	306	301	282	271	278
Deaths at 80 years & upwards	62	73	77	68	90	77	66	61	55	70	65	51	60
Deaths from Small-pox	76	67	78	104	106	90	97	91	90	93	90	52	68
„ „ Measles	49	60	83	81	97	102	75	67	51	60	41	32	40
„ „ Scarlet Fever	40	34	39	34	37	28	34	24	23	34	19	32	31
„ „ Diphtheria	6	4	10	10	7	3	2	3	3	6	7	4	3
„ „ Whooping-cough	36	64	72	85	99	117	79	92	115	115	98	115	88
„ „ Typhus fever	5	4	12	6	9	6	4	2	4	7	7	1	4
„ „ Enteric (or Typhoid) fever	27	27	19	35	23	32	33	26	25	35	14	16	15
„ „ Simple Cont. fever	7	13	8	10	10	12	8	12	12	6	7	9	8
„ „ Diarrhœa	17	7	16	14	15	13	9	7	3	10	12	6	13
„ „ Simple Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ Phthisis	160	219	168	179	224	182	164	160	162	171	194	162	160
„ „ Bronchitis	287	380	457	357	482	364	302	273	278	262	259	197	193
„ „ Pneumonia	115	162	132	155	139	117	101	97	96	75	88	82	80
„ „ Heart Disease	85	88	103	77	93	99	77	74	62	91	70	72	71
Mean Temperature of the Air	35°3	34°3	36°4	29°8	39°9	41°6	43°0	41°5	40 3	39°1	42°0	44°4	46°6
Mean Temperature of the Water of the Thames	42°1	38°5	38°0	36°0	34°3	37°7	39°9	40°5	38°7	39°7	40°3	42°3	44°2
Humidity of the Air	84	86	89	81	90	92	89	84	90	89	92	85	87
Rain-fall in inches	0·29	0·10	0·12	0·04	0·10	0·51	0·56	1·19	0·71	0·54	1·18	0·04	0·20

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday, the 10th day of February 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 10th Feb. 1872.	DEATHS registered during the Week ending 10th Feb. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5475	3760	58·0	27·0	44·3	6·84	0·51	1·3
LONDON	77,997	3,312,591	42·5	2492	1524	57·9	32·8	46·6	8·11	0·20	0·5
PORTSMOUTH	9,513	115,455	12·1	76	53	54·0	36·8	45·1	7·28	0·35	0·9
NORWICH	7,472	81,105	10·9	60	61	52·8	32·5	43·7	6·50	0·37	0·9
BRISTOL	4,088	186,428	39·8	132	76	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	63	44	56·2	38·7	45·1	7·28	0·83	2·1
BIRMINGHAM	7,831	350,164	44·7	280	154	57·1	36·0	45·4	7·44	0·93	2·3
LEICESTER	3,200	99,143	31·0	87	33	56·0	33·7	45·8	7·66	0·44	1·1
NOTTINGHAM	1,996	88,225	44·2	51	48	54·3	35·1	45·0	7·22	0·49	1·2
LIVERPOOL	5,108	499,897	97·9	404	255	53·0	39·0	45·6	7·55	0·59	1·5
MANCHESTER	4,486	352,759†	78·6	285	191	56·0	33·5	44·8	7·11	0·42	1·0
SALFORD	5,172	127,923	24·7	88	62	56·4	34·2	45·4	7·44	0·27	0·6
OLDHAM	4,167	84,004	20·2	64	47	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	105	69	51·0	36·5	41·0	6·67	0·59	1·5
LEEDS	21,572	266,564	12·4	131	133	51·0	35·0	43·0	6·11	0·54	1·3
SHEFFIELD	22,830	247,847	10·9	200	143	54·0	35·0	44·1	6·73	0·77	1·9
HULL	3,562	124,976	35·1	103	56	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	78	66	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	90	82	50·0	32·0	42·7	5·95	0·45	1·1
EDINBURGH	4,427	205,146	46·3	132	146	50·0	27·0	39·9	4·39	0·40	1·0
GLASGOW	5,063	489,136	94·8	367	286	48·0	29·6	41·4	5·22	0·66	1·6
DUBLIN	9,745	310,565	31·9	182	231	58·0	28·5	46·1	7·83	0·33	0·8

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by t addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the corr population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The numb for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Wee ending Saturday the 10th day of February 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Dublin
Total of 18 TOWNS	25	3097	759	608	202	58	70	10	175	67	34	101	198	46
LONDON	24	1524	373	338	68	40	31	3	88	27	13	48	109	28
PORTSMOUTH	24	53	7	14	2	–	–	–	–	1	–	4	7	
NORWICH	39	61	9	13	22	–	1	–	–	–	1	–	4	
BRISTOL	21	76	16	14	6	–	–	–	8	2	1	–	1	
WOLVERHAMPTON	33	44	10	4	14	–	1	–	1	–	–	1	–	
BIRMINGHAM	23	154	35	29	7	–	2	2	6	3	6	7	14	2
LEICESTER	17	33	5	6	4	–	–	–	1	–	–	3	3	
NOTTINGHAM	28	48	11	11	9	–	1	–	–	–	–	–	2	
LIVERPOOL	27	255	76	50	2	1	4	1	18	10	4	11	16	4
MANCHESTER	28	191	46	28	2	3	6	1	17	6	4	3	10	3
SALFORD	25	62	21	9	2	1	–	–	9	–	3	2	3	
OLDHAM	29	47	10	6	2	1	4	–	2	–	–	4	6	
BRADFORD	24	69	21	12	–	1	1	–	5	4	–	1	–	
LEEDS	26	133	36	24	9	2	1	–	6	1	1	2	4	
SHEFFIELD	30	143	39	14	33	4	10	2	6	3	–	5	6	1
HULL	23	56	14	14	9	–	–	–	3	1	–	2	2	
SUNDERLAND	34	66	13	9	5	1	7	–	1	8	–	3	4	
NEWCASTLE-ON-TYNE	33	82	17	13	6	4	1	1	4	1	1	5	7	1
DUBLIN	39	231	39	44	47	2	2	1	–	9	1	3	4	9

TABLE 5.—DEATHS in LONDON Registered in the SIXTH Week of the Year 1872.

USES OF DEATH.	Average in the Sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 10, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	39°9	46°6						
LL CAUSES - -	1495·0	1524	634	102	220	230	278	60
PECIFIED CAUSES	1467·6	1520	631	102	220	230	277	60
ZYMOTIC DISEASES.								
ORDER 1.								
mall-pox - - -	34·5	63	26	14	26	1	1	-
easles - - -	22·6	40	35	5	-	-	-	-
carlet Fever (Scarlatina)	53·5	31	21	9	1	-	-	-
iphtheria - - -	11·2	3	1	2	-	-	-	-
innsy - - -	·5	2	-	1	-	-	1	-
roup - - -	18·0	13	10	3	-	-	-	-
hooping-cough - -	65·6	88	85	3	-	-	-	-
yphus - - -	52·4	4	-	2	1	-	1	-
nteric or Typhoid Fever		15	4	5	2	2	2	-
mple continued Fever		8	2	1	1	2	2	-
rysipelas - - -	9·2	5	2	-	-	1	-	2
erperal Fever (Metria)	3·9	5	-	-	5	-	-	-
rbuncle - - -	1·0	-	-	-	-	-	-	-
fluenza - - -	2·0	1	1	-	-	-	-	-
senteryc - - -	2·1	-	-	-	-	-	-	-
arrhœa - - -	13·8	13	10	-	-	2	1	-
mple Cholera - -	·3	-	-	-	-	-	-	-
gue - - -	·2	-	-	-	-	-	-	-
emittent Fever -	·9	1	-	-	1	-	-	-
heumatism - - -	9·0	14	-	6	2	1	4	1
ther *Zymotic* Diseases -	·3	1	-	1	-	-	-	-
ORDER 2.								
philis - - -	7·6	8	6	-	1	1	-	-
icture of Urethra -	1·5	2	-	-	1	1	-	-
ydrophobia - - -	--	-	-	-	-	-	-	-
anders - - -	·3	-	-	-	-	-	-	-
ORDER 3.								
iration - - -	·8	1	-	-	-	1	-	-
ant of Breast-milk -	8·8	10	10	-	-	-	-	-
rpura and Scurvy -	1·2	5	4	1	-	-	-	-
lco- { *a* Del. Tremens	1·9	1	-	-	-	1	-	-
ism { *b* Intemperance -	1·1	2	-	-	1	1	-	-
ORDER 4.								
rush - - -	2·8	3	3	-	-	-	-	-
orms, &c. - - -	—	-	-	-	-	-	-	-
NSTITUTIONAL DIS.								
ORDER 1.								
out - - -	1·7	2	-	-	-	-	2	-
ropsy - - -	14·5	13	3	1	1	3	4	1
ncer - - -	26·7	34	-	-	3	18	13	-
ncrum Oris (Noma)	·3	-	-	-	-	-	-	-
ortification - -	4·2	2	-	-	-	-	2	-
ORDER 2.								
rofula - - -	8·8	9	7	-	-	2	-	-
abes Mesenterica -	15·2	17	16	1	-	-	-	-
thisis - - -	162·0	160	6	18	88	41	7	-
ydrocephalus -	28·8	31	29	2	-	-	-	-
LOCAL DISEASES.								
ORDER 1.								
phalitis - - -	13·0	15	13	-	1	-	1	-
poplexy - - -	31·8	59	12	-	5	15	25	2
ralysis - - -	30·5	32	-	-	2	6	22	2
sanity - - -	2·0	1	-	-	-	1	-	-
horea - - -	·2	-	-	-	-	-	-	-
pilepsy - - -	7·1	5	1	1	-	2	1	-
nvulsions - - -	58·9	58	58	-	-	-	-	-
rain Disease, &c. -	20·8	16	2	-	1	5	8	-
ORDER 2.								
ericarditis - -	2·6	3	-	1	2	-	-	-
neurism - - -	1·6	4	-	-	2	1	1	-
eart Disease, &c. -	67·7	71	-	4	16	20	27	4
ORDER 3.								
aryngitis - - -	3·1	9	6	1	1	-	1	-
onchitis - - -	205·0	193	70	7	6	40	60	10
eurisy - - -	3·3	6	-	-	1	3	2	-
neumonia - - -	74·0	80	46	3	4	15	10	2
sthma - - -	16·2	16	-	-	1	9	6	-
ung Disease, &c. -	15·2	16	10	1	1	1	3	-
ORDER 4.								
astritis - - -	2·1	1	1	-	-	-	-	-
nteritis - - -	5·2	5	3	-	1	1	-	-
ritonitis - - -	4·4	6	-	1	1	2	1	1
scites - - -	1·7	2	-	-	-	1	-	1
ceration of Intestines	3·5	2	-	-	1	-	1	-
ernia - - -	3·2	6	-	-	1	4	1	-
eus - - -	2·3	3	1	-	1	-	1	-
ntussusception -	·8	-	-	-	-	-	-	-

CAUSES OF DEATH.	Average in the Sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 10, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	39°9	46°6						
9. Stricture of Intestines -	1·0	-	-	-	-	-	-	-
10. Fistula - - - -	·6	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·0	5	1	-	2	2	-	-
12. *Pancreas Disease, &c.* -	·1	-	-	-	-	-	-	-
13. Hepatitis - - - -	2·4	3	1	-	-	2	-	-
14. Jaundice - - - -	3·5	7	3	-	-	-	3	1
15. *Liver Disease, &c.* - -	15·6	16	-	-	5	4	7	-
16. *Spleen Disease, &c.* - -	·2	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - - -	1·9	2	-	-	1	1	-	-
2. Ischuria - - - -	--	2	-	-	-	2	-	-
3. Bright's Disease (Nephria)	9·8	11	-	-	9	1	1	-
4. Diabetes - - - -	1·7	3	-	-	2	-	-	1
5. Calculus (Stone) - -	·9	2	-	-	-	-	2	-
6. Cystitis - - - -	1·6	1	-	-	-	-	1	-
7. *Kidney Disease, &c.* - -	9·1	10	1	-	4	1	4	-
ORDER 6.								
1. Ovarian Dropsy - -	·5	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* - -	3·2	7	-	1	-	4	1	1
ORDER 7.								
1. Synovitis (Arthritis) -	·2	-	-	-	-	-	-	-
2. *Joint Disease, &c.* - -	4·1	6	1	1	3	-	1	-
ORDER 8.								
1. Phlegmon - - -	2·0	3	1	1	-	1	-	-
2. Ulcer - - - -	1·8	1	-	-	-	-	1	-
3. *Skin Disease, &c.* - -	1·5	2	2	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	19·9	29	29	-	-	-	-	-
2. Cyanosis - - - -	2·6	3	3	-	-	-	-	-
3. Spina Bifida - - -	1·4	1	1	-	-	-	-	-
4. Other Malformations -	1·1	2	2	-	-	-	-	-
5. Teething - - - -	20·0	14	14	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·2	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	5·5	5	-	-	5	-	-	-
ORDER 3.								
1. Old Age - - - -	67·0	61	-	-	-	-	32	29
ORDER 4.								
1. Atrophy and Debility -	55·1	55	45	-	1	-	9	-
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	15·0	22	2	5	4	5	4	2
2. Wounds { Gunshot -	·3	-	-	-	-	-	-	-
2. Wounds { Cut, Stab -		-	-	-	-	-	-	-
3. Burns and Scalds -	9·4	3	3	-	-	-	-	-
4. Poison - - - -	·8	-	-	-	-	-	-	-
5. Drowning - - -	7·9	2	-	-	1	1	-	-
6. Suffocation - - -	10·5	12	12	-	-	-	-	-
7. Otherwise - - -	2·3	3	2	-	1	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·8	4	4	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot -	·2	-	-	-	-	-	-	-
1. Wounds { Cut, Stab -	·9	-	-	-	-	-	-	-
2. Poison - - -	·5	-	-	-	-	-	-	-
3. Drowning - - -	1·0	-	-	-	-	-	-	-
4. Hanging - - - -	1·6	1	-	-	-	1	-	-
5. Otherwise - - -	·6	1	-	-	-	1	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·1	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	3·2	-	-	-	-	-	-	-
Causes not specified or ill-defined - - - -	24·2	4	3	-	-	-	1	-

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2492	1524	373	338	68	40	31	3	88	4	15	8	13	48	109
WEST DISTRICTS	561,189	418	235	64	48	2	5	2	1	13	–	–	2	1	10	18
NORTH DISTRICTS	751,668	538	395	99	92	35	16	6	–	26	1	6	1	5	8	31
CENTRAL DISTRICTS	338,887	217	150	41	33	2	5	2	2	8	–	1	–	2	7	14
EAST DISTRICTS	638,928	519	299	72	61	13	8	4	–	16	1	2	3	1	10	23
SOUTH DISTRICTS	966,182	800	445	97	104	16	6	17	–	25	2	6	2	4	13	23
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	49	25	14	3	–	–	–	–	3	–	–	–	–	2	2
St. John Paddington H	38082	23	12	2	3	–	–	–	–	–	–	–	1	–	1	3
Kensington Town *WL*	91583	78	42	10	8	1	1	1	–	1	–	–	–	–	5	8
Brompton H	28651	14	9	2	2	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	41	15	5	3	–	–	–	–	–	–	–	1	–	1	–
Fulham *WLLLL*	23378	19	12	2	–	–	–	1	–	3	–	–	–	–	–	–
Chelsea South HH	26419	17	10	1	3	–	–	–	–	–	–	–	–	–	–	1
Chelsea North-west *HWw*	23278	17	12	3	2	–	–	–	–	–	–	–	–	1	1	2
Chelsea North-east L	21389	10	7	2	1	–	1	–	–	–	–	–	–	–	–	–
Hanover Square	18700	8	7	2	1	–	–	–	1	–	–	–	–	–	–	–
May Fair *W*	13020	6	3	–	1	–	–	–	–	1	–	–	–	–	–	–
Belgrave HH	58043	40	22	3	6	1	–	–	–	1	–	–	–	–	–	2
St. John Westminster HHH	38470	43	20	9	1	–	–	–	–	2	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	15	17	4	5	–	–	–	–	–	–	–	–	–	–	–
St. James's Square	10433	2	4	1	3	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	10	7	1	3	–	1	–	–	1	–	–	–	–	–	–
Berwick-street	10279	7	6	2	2	–	1	–	–	1	–	–	–	–	–	–
St. Anne Soho HH	17555	17	5	1	1	–	1	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	18	14	3	6	–	–	–	–	1	–	–	–	–	1	1
Cavendish Square	15419	1	3	–	1	–	–	–	–	1	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	21	15	5	6	–	–	–	–	2	–	–	–	–	–	–
St. Mary Marylebone H	21795	21	8	2	2	–	1	–	–	–	–	–	–	–	1	2
Christchurch Marylebone	33892	25	21	5	4	–	2	–	–	2	–	–	–	1	–	1
St. John Marylebone	33110	18	17	7	1	2	–	1	–	1	–	–	–	–	1	3
Hampstead *WHH*	32271	9	17	–	–	11	2	–	–	–	–	–	–	–	1	1
Regent's Park Pancras	38192	21	19	4	2	–	2	1	–	1	–	–	–	1	–	2
Tottenham-court *wH*	29360	20	22	4	4	1	–	–	–	3	1	1	–	–	–	1
Gray's Inn Lane H	29216	15	8	3	2	–	1	–	–	–	–	–	–	–	–	1
Somers Town	38562	36	19	6	4	2	1	–	–	1	–	2	–	–	–	2
Camden Town *W*	18066	21	28	4	15	–	–	–	–	1	–	–	–	–	–	3
Kentish Town *W*	68198	39	25	7	7	1	–	–	–	2	–	–	1	–	–	–
Islington West *WHHH*	97801	78	59	24	8	6	2	2	–	8	–	–	–	1	2	7
Islington East *Www*	115948	86	52	12	13	1	2	2	–	2	–	–	–	1	1	5
Stoke Newington L	9810	3	7	1	1	–	–	–	–	–	–	–	–	–	1	1
Stamford Hill	6599	4	6	2	1	–	1	–	–	1	–	–	–	–	–	–
West Hackney	28076	37	12	4	5	–	–	–	–	–	–	–	–	–	–	1
Hackney *WwHL*	50087	41	31	4	7	10	1	–	–	–	–	3	–	1	–	–
South Hackney L	30305	24	12	2	3	1	1	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	14	9	2	3	–	–	1	–	1	–	–	–	–	–	–
St. Giles South *WH*	19089	11	5	1	2	–	–	–	–	–	–	–	–	–	–	1
St. Giles North	16497	14	9	4	2	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11826	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *WH*	9831	6	7	–	1	–	–	–	–	–	–	–	–	–	2	3
St. Mary-le-Strand	9376	6	5	2	2	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	4	5	2	1	–	–	–	–	–	–	–	–	1	–	–
St. George-the-Martyr HHH	20521	9	5	1	3	–	–	–	–	–	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	3	12	2	6	–	1	–	–	–	–	1	–	–	1	2
Saffron Hill	9051	10	4	1	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	6	11	2	–	–	–	1	1	2	–	–	–	–	–	–
Amwell Clerkenwell	16878	19	8	3	–	–	–	–	–	–	–	–	–	–	–	1
Pentonville	13293	11	3	3	–	–	–	–	–	–	–	–	–	–	1	1
Goswell-street	16220	11	15	6	4	–	2	–	–	1	–	–	–	1	–	–
Old-street	12156	7	9	3	1	–	1	–	1	–	–	–	–	–	–	–
City-road *WHHL*	18291	23	7	2	1	1	1	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	8	6	1	3	1	–	–	–	1	–	–	–	–	–	1
Finsbury	10732	9	5	3	–	–	–	–	–	2	–	–	–	–	–	1
St. Botolph East London HH	14484	9	2	2	–	–	–	–	–	1	–	–	–	–	–	1
Cripplegate	13639	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	4	11	–	2	–	–	–	–	–	–	–	–	–	2	2
St. Bride *W*	11184	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	4	3	1	1	–	–	–	–	–	–	–	–	–	1	1
Broad Street	7838	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, 10th February 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	6	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
eonard Shoreditch HL†	16545	12	9	2	2	–	–	–	–	1	–	–	–	–	–	–	1
on New Town *w*	27832	25	15	7	1	1	1	1	–	–	–	–	–	–	–	–	3
on Old Town	26944	22	9	2	1	–	–	–	–	–	–	–	–	–	–	–	–
erstone West *W*	24153	20	16	5	5	–	–	–	–	–	–	–	1	–	–	–	5
erstone East	19257	23	5	1	1	–	–	–	–	–	–	1	–	–	–	–	–
ney-road	29808	32	13	4	1	3	–	–	–	–	–	–	–	–	–	–	–
, Bethnal Green *W*HL†	42443	48	25	4	8	–	1	–	–	1	–	–	1	–	–	8	8
ch, Bethnal Green	26574	24	13	4	3	–	–	–	–	–	–	–	–	–	–	–	–
, Bethnal Green	21375	23	4	1	1	1	–	–	–	–	–	–	–	–	–	–	–
ery Whitechapel	6651	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ifields	15844	10	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–
End New Town *W*	15550	12	12	1	2	–	1	–	–	–	–	–	1	–	–	–	6
echapel North	11434	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
echapel Church H	7323	8	17	–	3	–	–	–	–	–	–	–	–	–	2	2	13
man's Fields	10381	13	5	3	–	–	–	–	–	–	–	–	–	–	–	–	–
te	9149	5	9	1	3	–	–	–	–	–	–	–	–	–	2	2	–
ary St. George East	17906	12	9	4	2	3	–	–	–	–	1	–	–	–	–	–	–
ul St. George East	21356	20	9	3	1	–	–	1	–	1	–	–	–	–	–	–	–
hn St. George East *W*	8973	6	6	2	2	–	–	–	–	–	–	–	–	–	–	1	2
well	11623	8	4	1	–	–	–	–	–	–	–	–	–	–	2	3	–
iff *WH*	15930	11	4	–	2	–	–	1	–	–	–	–	–	–	–	–	–
house *W*	30025	16	12	5	3	–	–	–	–	2	–	–	–	–	1	3	–
End Old Town West	38126	20	7	3	2	–	–	–	–	2	–	–	–	–	–	–	–
End Old Town East *Ww*H	55020	43	30	7	6	–	1	1	–	3	–	–	–	1	1	1	5
*Ww*HL†	67777	50	37	6	10	2	1	–	–	3	–	1	–	–	2	2	13
r *W*	48500	36	23	5	1	3	3	–	–	3	–	1	–	–	–	–	2
SOUTH DISTRICTS.																	
tchurch Southwark *W*	14547	12	7	4	1	–	–	1	–	–	–	–	–	–	–	–	1
aviour Southwark H	15667	7	10	3	–	–	1	–	–	–	–	–	–	–	–	1	–
road	20430	18	9	3	–	–	–	–	–	2	–	–	–	–	–	1	–
gh-road *WH*	16694	13	12	4	1	–	2	–	–	1	–	–	–	–	–	–	2
on-road L	18959	22	12	2	3	–	–	–	–	2	–	1	–	–	–	1	2
y Newington	23673	21	5	4	–	–	–	–	–	–	–	–	–	–	1	1	–
ter Walworth *W*	48232	43	31	5	11	–	–	–	–	1	1	1	1	–	1	–	12
ary Newington H	16786	20	5	2	1	–	–	–	–	1	–	–	–	–	–	–	–
lave Southwark H	4157	2	15	1	1	–	–	–	–	–	–	–	–	–	3	4	12
ohn Horsleydown *W*	10595	8	6	1	3	–	–	–	–	–	–	–	–	–	1	1	–
ner Market	16785	10	7	5	–	–	1	–	–	1	–	–	–	–	–	–	–
ary Magdalen *W*	15707	13	6	–	3	–	–	–	–	–	–	–	–	–	–	–	3
mes Bermondsey	47921	59	18	2	5	1	–	2	–	2	–	–	–	–	1	2	–
rhithe *W*	25873	22	16	5	3	1	–	–	–	1	–	–	–	–	1	1	–
rloo-road 1st H	14086	13	5	1	–	–	–	–	–	2	–	–	–	–	1	1	–
rloo-road 2nd H	18453	31	4	3	1	1	–	–	–	–	–	–	–	–	–	–	2
eth Church 1st	19470	18	28	3	5	–	–	–	–	1	–	–	–	1	3	3	18
eth Church 2nd *W*	35831	29	26	6	9	–	–	–	–	2	–	–	–	–	–	–	8
ington 1st *W*	41284	35	19	4	6	–	–	–	–	–	–	–	–	–	–	1	–
ington 2nd	31213	17	11	1	4	–	–	–	–	1	–	–	–	1	–	–	–
on HL	35431	18	20	3	5	10	–	1	–	1	–	–	–	–	–	–	9
ood *W*	12534	10	3	–	1	–	1	–	–	–	–	–	–	–	–	–	–
am HL	27348	11	10	2	2	–	–	–	–	–	–	–	–	–	–	–	1
rsea *W*	53988	40	17	4	4	–	–	1	–	3	1	–	–	–	1	3	1
sworth HL	19797	11	9	1	2	–	–	–	–	1	–	–	1	–	–	–	2
y	9438	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
tham	14479	8	5	3	1	1	–	–	–	–	–	–	1	–	–	–	–
ich	4041	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
erwell *WL*†*L*†	31251	30	13	3	3	–	–	2	–	–	–	–	–	–	–	–	2
am *W*	42159	29	21	3	9	1	1	4	–	–	–	1	–	–	–	–	–
eorge Camberwell	53851	34	14	4	3	–	–	2	–	–	–	2	–	–	–	–	–
ul Deptford	53696	45	14	3	3	1	–	–	–	1	–	–	–	–	–	–	–
cholas Deptford	6487	3	2	1	–	–	–	–	–	1	–	–	–	–	–	–	–
wich West	21098	16	7	–	3	–	–	–	–	–	–	–	–	–	–	1	–
wich East *WH*	19320	21	13	3	3	–	–	–	–	1	–	1	1	–	–	–	8
m	4528	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ham Village *W*	16430	9	4	–	1	–	–	–	–	–	–	–	–	–	–	2	–
ham	19016	16	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ton H	9503	4	3	–	–	–	–	2	–	–	–	–	–	–	–	–	2
wich Dockyard	17229	12	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
wich Arsenal H	18319	17	12	1	2	–	–	2	–	–	–	–	–	–	–	–	1
stead West	13028	22	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
stead East *W*	15290	10	7	–	3	–	–	–	–	–	–	–	–	–	–	–	3

llowing are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
e Strand – – ,, ,, Tottenham-court sub-district.
ndon City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.- METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th FEBRUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	4	..	29·665	47·6	41·3	6·3	43·5	41·9	54·0	36·0	44·6	42·8	1·6	5·5	0·0	+ 5·5	94	S.	SSW. S. & S. by E.	1·5	0·0	0·2	284	0·02	..
MONDAY	5	..	29·540	49·0	41·5	7·5	45·5	41·5	54·1	34·6	44·6	42·8	4·0	6·3	1·1	+ 7·2	86	SSW. & SSE.	SSW. & S.	3·3	0·0	0·4	321	0·00	..
TUESDAY	6	Greatest Dec. S.	29·585	51·7	46·0	5·7	48·7	44·3	59·4	42·4	44·6	43·2	4·4	5·6	2·1	+10·1	85	S. & SSW.	SW. & SSW.	2·1	0·0	0·2	285	0·00	..
WEDNESDAY	7	Perigee	29·808	53·9	43·8	10·1	46·8	41·3	87·9	36·3	44·8	43·0	5·5	10·4	0·0	+ 8·0	81	SW. & WSW.	SW. & SE.	2·5	0·0	0·3	279	0·18	..
THURSDAY	8	..	29·791	55·5	39·3	16·2	46·1	43·3	89·0	34·0	45·4	43·6	2·8	9·8	0·0	+ 7·2	90	S. & SW.	SW. & SSW.	0·5	0·0	0·0	176	0·00	..
FRIDAY	9	New	29·782	57·9	32·8	25·1	45·9	43·6	95·9	28·0	45·6	43·8	2·3	11·6	0·0	+ 7·0	92	Calm & SE.	SSW.	1·2	0·0	0·1	173	0·00	..
SATURDAY	10	..	29·760	56·2	45·3	10·9	49·9	44·6	75·7	35·7	45·9	44·0	5·3	9·7	3·5	+11·1	82	S. by W.	S. & S. by E.	1·3	0·0	0·1	254	0·00	..
MEANS		..	29·704	53·1	41·4	11·7	46·6	42·9	73·7	35·3	45·1	43·3	3·7	8·4	1·0	+ 8·0	87	SSW.		..	..	..	Sum 1772	Sum 0·20	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
FEBRUARY.			
SUNDAY	4	No electricity shown.	Cloudy till night; then variable. Thin rain fell occasionally. A fine auroral display in the evening, accompanied by a large magnetic disturbance.
MONDAY	5	Positive, with weak tension at night.	Thin rain fell in early morning, and occasionally during the day. Overcast throughout.
TUESDAY	6	No electricity shown.	Occasional thin rain in morning. Generally cloudy and hazy.
WEDNESDAY	7		A very fine day. Light clouds prevalent, increasing in density towards evening. Rain fell almost continuously from 6h. P.M. till midnight.
THURSDAY	8	Weak positive at night.	A fine day. The amount of cloud variable till night. Generally cloudless and very fine after 7h. P.M.
FRIDAY	9	No electricity shown.	Very foggy in morning. Generally cloudy and very dull throughout.
SATURDAY	10	Weak positive.	A very fine day. Light clouds generally present. Hazy at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·71 in. at the beginning of the week to 29·49 in. by 9h. A.M. on the 5th; increased to 29·60 in. by 9h. P.M. on the same day; decreased to 29·52 in. by 7h. A.M. on the 6th; increased to 29·84 in. by noon on the 7th; decreased to 29·78 in. by 9h. A.M. on the 8th; increased to 29·83 in. by 9h. P.M. on the same day; and was 29·74 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
19*th February* 1872.

United Kingdom.

During the week ending Saturday the 17th instant, 5381 *births* and 3512 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 33 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 41; the 244 deaths in Dublin included 45 from small-pox, against 45 and 47 in the two previous weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 21 per 1000; Portsmouth 19, Norwich 38, Bristol 25, Wolverhampton 29, Birmingham 21, Leicester 19, Nottingham 33, Liverpool 22, Manchester 30, Salford 24, Oldham 23, Bradford 29, Leeds 26, Sheffield 28, Hull 26, Sunderland 31, and Newcastle-upon-Tyne 30. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 187 and 202, were last week 201; of these, 48 occurred in London, 37 in Sheffield, 23 in Norwich, 16 in Newcastle, 12 each in Wolverhampton and Hull, 10 each in Nottingham and Leeds, 4 in Leicester, and 3 each in Liverpool, Manchester, Salford, Oldham, and Sunderland. Bradford was again the only town of the eighteen in which no death from small-pox was returned. The annual death-rate from the disease was equal to 15 per 1000 in Norwich, 9 in Wolverhampton, 8 in Sheffield, 6 each in Nottingham and Newcastle, 5 in Hull, and to 2 per 1000 in Leicester, Leeds, Oldham, and Sunderland. The small-pox rates showed an increase last week in Newcastle, Hull, and Sheffield.

London.

In London 2363 births and 1320 deaths were registered last week. After making due allowance for increase of population, the births were 71, and the deaths were 301, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 22 and 24, did not exceed 21 last week. The rate was 19 in the West, 22 in the North, 21 in the Central, 22 in the East, and 20 in the South Districts.

The 1320 deaths included 48 from small-pox, 30 from measles, 16 from scarlet fever, 6 from diphtheria, 99 from whooping-cough, 29 from different forms of fever (of which 3 were certified as typhus, 20 as enteric or typhoid, and 6 as simple continued fever), and 11 from diarrhœa; thus to the seven principal diseases of the zymotic class 239 deaths were referred, against 295, 267, and 270 in the three preceding weeks. The fatal cases of whooping-cough, enteric fever, and diphtheria showed an increase last week, while those of the other diseases had declined. Four deaths resulted from measles in Christchurch (Marylebone), and 3 in Kensington Town; 3 from scarlet fever in Peckham; and whooping-cough showed the greatest fatality in Marylebone, Pancras, and Camberwell. Four of the deaths from enteric fever were recorded in the Fever Hospital at Homerton.

The deaths from small-pox, which in the two previous weeks had been 52 and 68, declined last week to 48, a lower number than has been returned in any week since December 1870 when the epidemic began to prevail. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 23 fatal cases were returned last week, against 27 and 34 in the two preceding weeks. Out of those institutions, four deaths were referred to this disease in South Hackney, three in Poplar, and two each in Kennington Second and East Plumstead sub-districts.

Although the general direction of the wind was Easterly during the greater part of last week the mean temperature of each day showed an excess; the mean of the week was 43°·8 which, although nearly three degrees lower than in the previous week, exceeded the average for the corresponding week in fifty years by 5°·6.

During the 67 days ending last Saturday the temperature was almost continuously above the average, the daily excess averaging 4°·7. During January the rain-fall at Greenwich was 3·6 inches, and nearly double the average fall for that month in 55 years; only the third of an inch, however, was measured on the first 17 days of February ending last Saturday, being about the fifth of an average fall for the month.

Diseases of the respiratory organs, including phthisis, caused 407 deaths last week, which was no less than 127 below the corrected average number in the corresponding week of the last ten years; in the three previous weeks the numbers had been 582, 482, and 480 respectively. This favourable feature in recent returns is doubtless due to the long continuance of unseasonably mild weather.

To different forms of violence 55 deaths were referred; of these, 48 were the result of negligence or accident, including 24 from fractures and contusions, 7 from burns and scalds, 6 from drowning, and 7 (all of infants under one year of age) from suffocation. The deaths of 5 adults from fractures and contusions were caused by horses or vehicles in the streets; one was of a gentleman whose death was referred to injuries of the foot received from the wheel of an omnibus some years since. It appears from a return with which the Registrar General is now favoured by the Chief Commissioner of Police, that 50 cases of injury and maiming from this class of accident came under the notice of the Metropolitan Police during the seven days ending 18th instant, of which 45 occurred within the London Registration District; these numbers do not include any that took place within the City Police area. Two cases of infanticide, and five of suicide, were registered during the week.

In the large Public Institutions 259 deaths were recorded, or 19·6 per cent. of the total deaths; of these 131 occurred in Workhouses, and 124 in Hospitals.

Foreign Cities.

In Paris 747 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 101 deaths occurred in the week ending the 10th instant, and the annual death-rate was 28 per 1000. In Berlin during the week ending 15th instant 489 deaths were recorded, showing an annual rate of 31 per 1000; the fatal cases of small-pox, which had been 66 and 94 in the two previous weeks, declined to 58. In Vienna the 449 deaths in the week ending the 10th gave an annual rate of 38 per 1000. In Rome 212 deaths were registered in the week ending the 4th, and the annual death-rate was 49 per 1000; 46 deaths were referred to small-pox (equal to an annual rate of 11 per 1000), against 45 and 27 in the two previous weeks.

In the City of New York 504 deaths were registered in the week ending 27th January, and the equivalent annual rate of mortality was 28 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the highest reading was 29·74 in. at the beginning of the week and the lowest 29·44 in. on Monday morning. The mean temperature of the *air* was 43°·8, or 5°·6 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature again showed an excess on each day of the week; on Sunday, 11th instant, the mean was 47°·2 and 8°·6 above the average, but on Friday the mean was only 38°·3, and the excess not more than 0°·2. The highest day temperature in the shade was 54°·7 on Sunday, and the lowest night temperature 36°·6 on both Friday and Saturday; the entire range of temperature in the week was, therefore, 18°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 104°·2 on Sunday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·0. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 45°·2. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was S.E., and the horizontal movement of the air averaged 11 miles per hour. *Rain* fell on four days of the week, but only to the amount of ·11 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 41°·0 in Norwich, to 44°·4 in Manchester; the lowest recorded night temperature was 30°·7 in Nottingham, and the highest day temperature in the shade 56°·3 in the same town. Rain was measured in each of these towns; the amounts varied from ·11 of an inch in Norwich, to ·83 in Wolverhampton.

In Centigrade degrees the mean temperature of the air at Greenwich was 6°·6, or 3°·1 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 12°·6, the lowest night temperature 2°·6, and the highest temperature in the sun 40°·1. The wind blew at the rate of 19 kilometres an hour, and the rain-fall measured ·28 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 218,063 cubic metres, and at Barking 276,178 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SEVENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1966	2108	2122	2034	2093	2430	2352	2401	2256	2363	2212·5	2363
Males . .	1018	1092	1086	1044	1069	1244	1238	1209	1156	1249	1140·5	1255
Females .	948	1016	1036	990	1024	1186	1114	1192	1100	1114	1072·0	1108
TOTAL **Deaths**	1345	1346	1536	1567	1365	1389	1307	1491	1716	1625	1473·7	1320
Males . .	672	677	821	774	698	706	678	788	906	825	754·5	685
Females .	673	669	765	793	667	683	629	703	810	800	719·2	635

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Nov. 25.	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.
TOTAL **Deaths** - - -	1863	1918	1856	2121	1943	1686	1617	1632	1628	1602	1423	1524	1320
Deaths under 5 years of age -	742	813	809	865	813	701	683	663	652	647	571	634	581
Deaths 5—20 - - - -	118	121	126	133	119	122	102	110	114	113	88	102	91
Deaths 20—40 - - -	250	233	247	272	254	224	225	215	227	242	201	220	157
Deaths 40—60 - - -	342	315	284	352	319	281	266	283	264	253	241	230	219
Deaths 60—80 - - -	338	359	322	409	361	292	280	306	301	282	271	278	224
Deaths at 80 years & upwards	73	77	68	90	77	66	61	55	70	65	51	60	48
Deaths from Smallpox - -	67	78	104	106	90	97	91	90	93	90	52	68	48
„ „ Measles - -	60	83	81	97	102	75	67	51	60	41	32	40	30
„ „ Scarlet Fever -	34	39	34	37	28	34	24	23	34	19	32	31	16
„ „ Diphtheria -	4	10	10	7	3	2	3	3	6	7	4	3	6
„ „ Whooping-cough	64	72	85	99	117	79	92	115	115	98	115	88	99
„ „ Typhus fever -	4	12	6	9	6	4	2	4	7	7	1	4	3
„ „ Enteric (or Typhoid) fever -	27	19	35	23	32	33	26	25	35	14	16	15	20
„ „ Simple Cont^{d} fever	13	8	10	10	12	8	12	12	6	7	9	8	6
„ „ Diarrhœa - -	7	16	14	15	13	9	7	3	10	12	6	13	11
„ „ Simple Cholera -	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ Phthisis - -	219	168	179	224	182	164	160	162	171	194	162	160	141
„ „ Bronchitis - -	380	457	357	482	364	302	273	278	262	259	197	193	163
„ „ Pneumonia -	162	132	155	139	117	101	97	96	75	88	82	80	57
„ „ Heart Disease -	88	103	77	93	99	77	74	62	91	70	72	71	59
Mean Temperature of the Air	34°3	36°4	29°8	39°9	41°6	43°0	41°5	40°3	39°1	42°0	44°4	46°6	43°8
Mean Temperature of the Water of the Thames -	38·5	38·0	36·0	34·3	37·7	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2
Humidity of the Air - -	86	89	81	90	92	89	84	90	89	92	85	87	86
Rain-fall in inches - -	0·10	0·12	0·04	0·10	0·51	0 56	1·19	0·71	0·54	1·18	0·04	0·20	0·11

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 17th day of February 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	Population estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	Births registered during the Week ending 17th Feb. 1872.	Deaths registered during the Week ending 17th Feb. 1872.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall In Inches.	Rain Fall Centi-me
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5381	3512	56·3	30·0	43·1	6·17	0·37	0
LONDON	77,997	3,312,591	42·5	2363	1320	54·7	36·6	43·8	6·55	0·11	0
PORTSMOUTH	9,513	115,455	12·1	66	42	54·6	34·2	43·7	6·50	0·34	0
NORWICH	7,472	81,105	10·9	60	59	50·5	32·2	41·0	5·00	0·11	0
BRISTOL	4,688	186,428	39·8	132	88	—	—	—	—	—	-
WOLVERHAMPTON	3,387	69,268	20·5	60	39	51·0	35·4	43·6	6·44	0·83	2
BIRMINGHAM	7,831	350,164	44·7	293	142	52·1	36·1	43·5	6·39	0·43	1
LEICESTER	3,200	99,143	31·0	79	37	51·5	32·0	42·8	6·00	0·26	0
NOTTINGHAM	1,996	88,225	44·2	52	55	56·3	30·7	42·8	6·00	0·21	0
LIVERPOOL	5,108	499,897	97·9	396	212	50·7	37·1	44·0	6·67	0·39	0
MANCHESTER	4,486	352,759†	78·6	292	204	52·0	33·0	44·4	6·89	0·37	0
SALFORD	5,172	127,923	24·7	108	60	51·8	33·4	44·1	6·73	0·46	1
OLDHAM	4,167	84,004	20·2	69	37	—	—	—	—	—	-
BRADFORD	6,590	151,720	23·0	102	83	54·0	36·0	42·9	6·06	0·30	0
LEEDS	21,572	266,564	12·4	261	134	54·0	34·0	42·8	6·00	0·26	0
SHEFFIELD	22,830	247,847	10·9	153	134	54·0	34·0	42·4	5·78	0·40	1
HULL	3,562	124,976	35·1	88	63	—	—	—	—	—	-
SUNDERLAND	3,306	100,665	30·4	85	60	—	—	—	—	—	-
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	90	75	—	—	—	—	—	-
EDINBURGH	4,427	205,146	46·3	128	130	53·0	30·0	40·9	4·94	0·30	0
GLASGOW	5,063	489,136	94·8	359	294	50·0	35·2	41·9	5·50	0·52	1
DUBLIN	9,745	310,565	31·9	145	244	52·0	34·0	44·7	7·06	0·66	1

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

† Through an error which was discovered on the revision of the enumerated numbers at the Census Office, the cor population of Manchester at the middle of 1871 was 351,171, and not 356,099, as published in recent Weekly Returns. The num for the middle of 1872 (352,759) shows, therefore, an increase of 1271 upon the corrected number for 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 17th day of February 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	Annual Rate of Mortality per 1000 living.	Deaths from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	
Total of 18 TOWNS	23	2844	669	569	201	39	43	11	167	67	25	95	141	4
LONDON	21	1320	324	272	48	30	16	6	99	29	11	55	79	2
PORTSMOUTH	19	42	2	19	1	2	–	–	1	–	1	–	–	
NORWICH	38	59	15	13	23	–	–	–	2	–	1	–	–	
BRISTOL	25	88	14	17	4	–	4	–	5	1	–	3	4	
WOLVERHAMPTON	29	39	6	5	12	–	–	–	–	1	–	–	–	
BIRMINGHAM	21	142	28	33	9	–	–	1	6	3	1	6	11	
LEICESTER	19	37	8	9	4	–	–	–	–	–	–	–	–	
NOTTINGHAM	33	55	11	8	10	–	–	–	2	2	–	–	–	
LIVERPOOL	22	212	58	47	3	1	2	4	19	8	2	8	9	
MANCHESTER	30	204	50	26	3	–	4	–	21	3	2	5	10	
SALFORD	24	60	16	14	3	–	1	–	1	1	–	3	8	
OLDHAM	23	37	8	5	3	3	–	–	–	1	1	3	4	
BRADFORD	29	83	18	11	–	–	3	–	3	3	3	1	2	
LEEDS	26	134	36	33	10	2	–	–	6	3	–	2	3	
SHEFFIELD	28	134	27	19	37	1	3	–	1	5	1	3	4	
HULL	26	63	17	11	12	–	2	–	1	2	–	1	1	
SUNDERLAND	31	60	18	11	3	–	8	–	–	3	1	4	4	
NEWCASTLE-ON-TYNE	30	75	13	16	16	–	–	–	–	2	1	1	2	
DUBLIN	41	244	28	48	45	4	4	–	4	14	2	1	3	

TABLE 5.—DEATHS in LONDON Registered in the SEVENTH Week of the Year 1872.

SES OF DEATH.	Averages of the Seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 17, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
ean Temperature –	° 42·8	° 43·8						
L CAUSES – –	1473·7	1320	581	91	157	219	224	48
ECIFIED CAUSES	1456·9	1317	580	90	156	219	224	48
IOTIC DISEASES.								
ORDER 1.								
all-pox – – –	38·0	48	16	12	19	1	–	–
asles – – –	18·4	30	27	3	–	–	–	–
rlet Fever (Scarlatina)	50·9	16	11	5	–	–	–	–
phtheria – –	11·1	6	4	2	–	–	–	–
nsy – – –	1·2	–	–	–	–	–	–	–
up – – –	18·5	13	10	3	–	–	–	–
ooping-cough – –	60·3	99	95	4	–	–	–	–
hus – – – }	3	2	–	–	1	–	–	–
eric or Typhoid Fever }	57·0 {	20	3	8	7	2	–	–
ple continued Fever – }		6	2	3	–	–	1	–
sipelas – –	7·9	7	2	1	1	3	–	–
erperal Fever (Metria)	3·8	3	–	–	2	1	–	–
buncle – – –	·9	2	–	–	–	2	–	–
uenza – – –	1·0	2	–	–	–	–	1	1
ysentery – –	1·5	2	1	–	–	1	–	–
rrhœa – – –	14·4	11	10	–	–	–	1	–
ple Cholera –	·3	–	–	–	–	–	–	–
ie – – –	·2	–	–	–	–	–	–	–
nittent Fever – –	·7	–	–	–	–	–	–	–
umatism – –	8·2	8	–	2	2	1	3	–
er *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
ORDER 2.								
philis – – –	8·0	9	9	–	–	–	–	–
icture of Urethra –	1·0	1	–	–	1	–	–	–
drophobia – –	––	–	–	–	–	–	–	–
nders – – –	––	–	–	–	–	–	–	–
ORDER 3.								
vation – – –	1·5	–	–	–	–	–	–	–
nt of Breast-milk	6·9	9	9	–	–	–	–	–
rpura and Scurvy	2·3	2	1	–	–	1	–	–
o– { *a* Del. Tremens	2·0	1	–	–	–	1	–	–
m } *b* Intemperance –	1·5	1	–	–	–	1	–	–
ORDER 4.								
rush – – –	3·3	1	1	–	–	–	–	–
rms, &c. – – –	—	–	–	–	–	–	–	–
STITUTIONAL DIS.								
ORDER 1.								
nt – – – –	1·7	3	–	–	–	2	1	–
opsy – – –	10·8	8	4	–	2	–	2	–
ncer – – –	28·1	27	1	–	2	14	9	1
ncrum Oris (Noma) –	·3	–	–	–	–	–	–	–
rtification – –	2·9	5	–	–	–	–	4	1
ORDER 2.								
ofula – – –	10·4	6	5	–	1	–	–	–
es Mesenterica –	17·1	18	18	–	–	–	–	–
hisis – – –	169·4	141	11	11	63	52	4	–
drocephalus – –	32·6	22	19	3	–	–	–	–
OCAL DISEASES.								
ORDER 1.								
phalitis – –	16·4	19	13	4	1	1	–	–
oplexy – – –	38·1	36	4	1	2	14	11	4
ralysis – – –	27·8	25	1	1	1	3	17	2
anity – – –	1·9	2	–	–	1	–	–	1
rea – – – –	·1	–	–	–	–	–	–	–
lepsy – – –	6·8	8	1	–	2	3	1	1
vulsions – –	56·0	52	51	1	–	–	–	–
in Disease, &c. –	19·8	18	–	1	1	7	7	2
ORDER 2.								
icarditis – –	2·0	1	–	–	–	–	1	–
eurism – – –	1·1	2	–	–	1	1	–	–
rt Disease, &c. –	69·7	59	–	2	13	22	22	–
ORDER 3.								
yngitis – –	9·0	9	8	–	–	1	–	–
nchitis – – –	197·2	163	67	3	4	25	56	8
risy – – –	2·6	4	1	1	1	1	–	–
eumonia – – –	76·4	57	40	2	4	7	4	–
thma – – –	15·4	15	–	–	2	5	7	1
g Disease, &c. –	15·3	18	9	1	–	3	5	–
ORDER 4.								
stritis – – –	1·8	1	–	–	1	–	–	–
ceritis – – –	3·8	6	3	1	–	2	–	–
itonitis – –	5·3	8	1	2	1	1	3	–
ites – – –	2·9	3	–	–	–	–	3	–
eration of Intestines –	3·0	3	–	–	2	1	–	–
nia – – – –	3·4	5	–	–	–	3	2	–
s – – – –	3·8	4	3	–	–	1	–	–
ussusception – –	1·1	1	1	–	–	–	–	–

CAUSES OF DEATH.	Averages of the Seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 17, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 42·8	° 43·8						
9. Stricture of Intestines –	·3	1	1	–	–	–	–	–
10. Fistula – – –	·6	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	5·5	5	–	1	–	1	3	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – –	3·7	4	–	–	–	2	2	–
14. Jaundice – – –	4·4	3	1	–	–	2	–	–
15. *Liver Disease, &c.* –	15·7	14	–	–	3	6	4	1
16. *Spleen Disease, &c.* –	·8	1	–	–	–	1	–	–
ORDER 5.								
1. Nephritis – – –	2·2	3	1	1	–	–	1	–
2. Ischuria – – –	·3	2	–	–	–	1	1	–
3. Bright's Disease (Nephria)	9·5	11	–	1	2	5	3	–
4. Diabetes – – –	2·2	2	–	–	1	1	–	–
5. Calculus (Stone) –	·8	2	–	–	1	–	1	–
6. Cystitis – – –	·8	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* –	8·5	3	–	–	–	2	1	–
ORDER 6.								
1. Ovarian Dropsy –	·1	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·1	4	–	–	–	4	–	–
ORDER 7.								
1. Synovitis (Arthritis)	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	4·8	7	1	2	–	2	2	–
ORDER 8.								
1. Phlegmon – –	2·3	1	–	–	–	–	1	–
2. Ulcer – – –	1·5	1	–	–	–	–	1	–
3. *Skin Disease, &c.* –	1·3	3	2	–	–	–	–	1
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth –	18·1	28	28	–	–	–	–	–
2. Cyanosis – – –	1·9	1	1	–	–	–	–	–
3. Spina Bifida – –	·6	–	–	–	–	–	–	–
4. Other Malformations	1·3	1	1	–	–	–	–	–
5. Teething – – –	19·6	12	12	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	4·7	2	–	–	2	–	–	–
ORDER 3.								
1. Old Age – – – –	57·3	43	–	–	–	–	21	22
ORDER 4.								
1. Atrophy and Debility	60·7	59	52	1	–	–	6	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	16·1	24	1	3	4	7	7	2
2. Wounds { Gunshot – / Cut, Stab – }	·2	–	–	–	–	–	–	–
		2	1	–	1	–	–	–
3. Burns and Scalds –	9·3	7	5	1	–	1	–	–
4. Poison – – –	·7	–	–	–	–	–	–	–
5. Drowning – –	3·6	6	–	3	3	–	–	–
6. Suffocation – –	9·3	7	7	–	–	–	–	–
7. Otherwise – –	2·3	2	–	–	1	1	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·0	2	2	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot – / Cut, Stab – }	·1	1	–	–	–	–	1	–
	1·3	1	–	–	–	1	–	–
2. Poison – – –	·7	–	–	–	–	–	–	–
3 Drowning – – –	·6	–	–	–	–	–	–	–
4. Hanging – – –	1·6	3	–	–	1	–	2	–
5. Otherwise – –	·5	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·6	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	3·5	–	–	–	–	–	–	–
Causes not specified or ill-defined – – –	13·3	3	1	1	1	–	–	–

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, S during the Week

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	
LONDON	3,251,804	2363	1320	324	272	48	30	16	6	99	3	20	6	11	55	
WEST DISTRICTS	561,189	364	209	48	49	–	8	–	1	12	–	3	1	2	11	
NORTH DISTRICTS	751,668	519	318	71	70	27	10	2	1	29	–	8	2	2	9	
CENTRAL DISTRICTS	333,887	205	133	30	23	2	2	2	1	9	–	–	–	–	11	
EAST DISTRICTS	638,928	540	271	75	55	7	6	3	–	20	2	3	–	4	8	
SOUTH DISTRICTS	966,132	735	389	100	75	12	4	9	3	29	1	6	3	3	16	
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	38	15	6	2	–	–	–	–	1	–	–	–	–	1	
St. John Paddington H	38082	17	13	3	1	–	–	–	–	1	–	–	–	–	1	
Kensington Town *WL*	91583	73	30	9	8	–	3	–	–	2	–	1	–	–	–	
Brompton H	28651	17	12	2	1	–	–	–	–	–	–	1	–	–	–	
St. Peter Hammersmith	6662	2	3	–	1	–	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	31	15	4	3	–	1	–	–	–	–	–	–	1	1	
Fulham *WLLLL*	23378	14	7	1	2	–	–	–	–	1	–	–	–	–	–	
Chelsea South HH	26419	13	9	2	1	–	–	–	–	–	–	–	–	–	1	
Chelsea North-west *HWw*	23278	21	20	6	7	–	1	–	–	–	–	1	–	–	–	
Chelsea North-east L	21589	13	7	–	3	–	–	–	–	–	–	–	–	–	1	
Hanover Square	18700	7	6	3	–	–	–	–	–	–	–	–	–	–	–	
May Fair *W*	13020	6	4	–	1	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	40	16	4	6	–	1	–	1	1	–	–	–	–	1	
St. John Westminster HHH	38470	32	14	3	1	–	–	–	–	3	–	–	–	–	3	
St. Margaret Westminster *WWHH*	27640	15	18	4	5	–	1	–	–	2	–	–	–	1	2	
St. James's Square	10453	5	4	–	1	–	–	–	–	–	–	–	1	–	–	
Golden Square *W*	12855	6	3	–	2	–	1	–	–	–	–	–	–	–	–	
Berwick-street	10279	4	3	–	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	10	10	1	4	–	–	–	–	1	–	–	–	–	–	
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	16	10	2	3	1	–	–	–	–	–	–	–	–	–	
Cavendish Square	15419	8	5	2	–	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	15	23	2	11	–	–	–	–	4	–	–	–	–	–	
St. Mary Marylebone H	21795	24	6	3	–	–	–	–	–	–	–	1	–	1	–	
Christchurch Marylebone	33892	24	22	7	4	–	4	–	–	2	–	–	–	1	–	
St. John Marylebone	33110	19	12	4	2	–	–	–	–	2	–	–	–	–	–	
Hampstead *WHH*	32271	16	25	3	5	14	–	–	1	–	–	–	–	–	–	
Regent's Park Pancras	38192	28	14	7	1	–	1	–	–	2	–	–	–	–	3	
Tottenham-court *wH*	29360	15	17	5	4	–	–	–	–	3	–	–	–	–	–	
Gray's Inn Lane H	29216	23	13	3	1	1	1	–	–	2	–	–	–	–	2	
Somers Town	38562	41	12	3	4	–	–	–	–	3	–	–	–	–	–	
Camden Town *W*	18066	22	7	1	2	–	–	–	–	–	–	–	–	–	–	
Kentish Town *W*	68198	59	33	6	5	1	–	–	–	4	–	–	1	–	1	
Islington West *WHHH*	97801	57	31	6	8	1	2	–	–	3	–	1	–	–	–	
Islington East *Www*	115948	73	38	8	14	–	1	1	–	3	–	1	–	–	1	
Stoke Newington L	9810	5	2	1	–	–	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	6	2	–	–	1	–	–	–	–	–	–	–	–	–	
West Hackney	28076	22	13	2	3	–	1	–	–	–	–	–	–	–	1	
Hackney *WwHL*	50087	26	19	3	1	4	–	1	–	1	–	4	1	–	1	
South Hackney L	30305	20	14	3	2	4	–	–	–	–	–	1	–	–	–	
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	6	–	2	–	–	–	–	1	–	–	–	–	–	
St. Giles South *WH*	19089	17	9	2	2	–	–	–	–	2	–	–	–	–	–	
St. Giles North	16497	5	5	3	–	–	–	–	–	–	–	–	–	–	1	
Long Acre	11326	6	1	1	–	–	–	–	–	–	–	–	–	–	–	
Charing Cross *WH*	9831	6	8	1	1	–	–	–	–	1	–	–	–	–	1	
St. Mary-le-Strand	9376	5	2	1	1	–	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	8	5	–	–	–	–	–	–	–	–	–	–	–	–	
St. George-the-Martyr HHH	20521	6	4	–	1	–	–	–	–	–	–	–	–	–	–	
St. Andrew East Holborn *W*	13528	8	11	–	3	–	–	–	–	–	–	–	–	–	–	
Saffron Hill	9051	4	2	1	1	–	–	–	–	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	18	7	2	1	–	–	–	–	1	–	–	–	–	1	
Amwell Clerkenwell	16878	8	3	–	1	–	1	–	–	–	–	–	–	–	–	
Pentonville	13293	9	6	3	1	–	–	–	–	–	–	–	–	–	–	
Goswell-street	16220	11	11	5	–	–	–	–	1	2	–	–	–	–	2	
Old-street	12156	9	1	–	–	–	–	–	–	–	–	–	–	–	–	
City-road *WHHL*	18291	18	7	1	1	–	–	1	–	2	–	–	–	–	–	
Whitecross-street	13790	15	4	1	1	1	–	1	–	–	–	–	–	–	–	
Finsbury	10732	9	3	–	1	–	–	–	–	–	–	–	–	–	–	
St. Botolph East London HH	14484	10	8	3	1	–	–	–	–	–	–	–	–	–	1	
Cripplegate	13639	8	5	2	1	–	1	–	–	–	–	–	–	–	–	
St. Sepulchre H	7562	1	12	–	1	1	–	–	–	–	–	–	–	–	5	
St. Bride *W*	11184	5	4	2	1	–	–	–	–	–	–	–	–	–	–	
Castle Baynard	4389	3	1	1	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	–	2	1	1	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	1	–	1	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	2	1	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7838	4	4	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district
y, 17th February 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
l Shoreditch	12429	4	3	–	1	–	–	–	–	–	1	–	–	–	–	–	–
ard Shoreditch HL†	16545	15	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–
New Town *w*	27832	28	13	5	5	–	–	–	–	1	–	–	–	–	–	–	4
Old Town	26944	30	16	5	1	–	–	1	–	3	–	–	–	–	–	–	–
stone West *W*	24153	26	13	3	1	–	–	–	–	–	–	–	–	–	–	–	5
stone East	19257	18	8	1	3	–	1	2	–	–	–	–	–	–	–	–	–
y-road	29808	21	10	3	–	–	–	–	–	1	–	–	–	–	–	1	–
Bethnal Green *WHL*†	42443	48	17	4	4	1	–	–	–	2	–	–	–	–	–	–	6
Bethnal Green	26574	22	10	6	1	–	–	–	–	–	–	–	–	2	–	–	–
Bethnal Green	21375	19	9	3	2	–	1	–	–	–	1	–	–	–	2	3	–
y Whitechapel	6651	3	4	2	1	–	–	–	–	1	–	–	–	–	–	1	–
lds	15844	9	5	2	–	–	–	–	–	2	–	–	–	–	–	1	–
d New Town *W*	15550	6	13	3	3	–	–	–	–	2	–	–	–	–	–	3	7
hapel North	11434	4	2	1	–	–	–	–	–	–	–	–	–	1	–	2	15
hapel Church H	7323	6	16	–	3	–	–	–	–	–	–	–	–	–	2	2	–
an's Fields	10381	7	4	–	1	–	–	–	–	–	–	–	–	–	1	1	–
	9149	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
y St. George East	17906	12	3	1	1	1	–	–	–	–	–	–	–	–	–	–	–
l St. George East	21356	18	9	1	3	–	–	–	–	–	–	–	–	1	–	–	6
n St. George East *W*	8973	6	9	2	3	–	–	–	–	–	–	–	–	–	–	–	–
ell	11623	9	4	3	–	–	–	–	–	–	–	–	–	–	1	1	–
WH	15930	17	5	2	1	–	–	–	–	1	–	–	–	–	–	–	2
ouse *W*	30025	22	6	2	2	–	1	–	–	1	–	–	–	–	–	–	–
nd Old Town West	38126	36	14	4	2	1	1	–	–	–	–	–	–	1	–	–	–
nd Old Town East *WH*	55020	43	19	4	6	–	–	–	–	3	–	–	–	–	–	2	3
WHL†	67777	59	24	7	6	1	2	–	–	2	–	1	–	1	2	2	5
W	48500	48	27	9	4	3	–	–	–	1	–	–	–	–	–	–	2
South Districts.																	
hurch Southwark *W*	14547	13	12	3	5	–	–	–	–	1	–	–	–	1	1	1	1
iour Southwark H	15667	16	5	–	1	–	1	–	–	–	–	–	–	–	–	–	–
road	20430	8	8	2	1	–	–	–	–	–	–	–	–	–	1	1	–
gh-road *WH*	16694	6	10	–	2	–	2	–	1	1	–	–	–	–	1	1	5
n-road L	18959	12	8	3	–	–	–	–	–	–	1	–	–	–	1	1	–
Newington	23673	22	6	1	–	–	–	–	–	2	–	–	–	–	1	1	–
er Walworth *W*	48232	21	21	7	5	–	–	1	–	1	–	1	–	–	–	–	–
ry Newington H	16786	16	4	3	1	–	–	–	–	–	–	–	–	–	–	–	–
ve Southwark H	4157	9	9	–	1	–	–	–	–	–	–	–	–	–	1	1	7
nn Horsleydown *W*	10595	7	5	1	2	–	–	–	–	–	–	–	–	–	–	–	2
er Market	16785	16	10	5	1	–	–	–	–	1	–	–	–	–	1	1	2
ry Magdalen *W*	15707	10	9	2	3	1	–	1	–	–	–	–	–	–	–	–	2
mes Bermondsey	47921	46	17	2	2	–	–	–	–	4	–	2	–	–	1	–	–
hithe *W*	25873	22	13	4	2	–	–	1	–	–	–	–	–	–	3	3	2
loo-road 1st H	14086	5	4	–	–	–	–	–	–	–	–	–	–	–	1	1	2
loo-road 2nd H	18453	20	8	4	1	–	–	–	–	1	–	–	–	1	–	–	2
eth Church 1st	19470	9	20	4	1	–	–	–	–	2	–	–	1	–	3	3	7
eth Church 2nd *W*	35831	30	11	2	2	–	–	–	–	1	–	–	–	–	–	–	3
ington 1st *W*	41281	29	9	3	1	1	–	–	–	1	–	–	–	–	–	–	–
ington 2nd	31213	24	8	2	3	2	–	–	–	–	–	–	–	–	–	–	–
on HL	35431	34	13	4	2	5	–	–	–	–	–	1	–	–	–	–	4
ood *W*	12534	10	4	2	1	–	–	–	–	1	–	–	–	–	–	–	–
am HL	27348	21	9	1	2	–	–	–	–	–	–	–	–	–	–	–	–
rsea *W*	53988	58	23	9	6	–	–	–	–	3	–	1	–	–	–	1	3
sworth HL	19797	6	4	1	1	–	–	–	–	–	–	–	–	–	–	–	1
y	9438	4	5	1	–	–	–	1	–	2	–	–	–	–	–	–	–
ham	14479	4	6	2	3	–	1	–	–	–	–	–	–	–	–	–	–
ich	4041	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
erwell *WL*†*L*†	31251	20	22	3	7	–	–	–	–	2	–	–	–	1	–	–	8
am *W*	42159	34	19	3	4	–	–	3	–	1	–	–	1	–	2	2	–
eorge Camberwell	33851	24	13	6	2	–	–	1	–	4	–	–	–	–	–	–	–
ul Deptford	53696	48	18	7	1	1	–	–	–	1	–	–	1	–	–	–	–
icholas Deptford	6487	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
wich West	21098	13	7	2	1	–	–	–	–	–	–	–	1	–	–	–	–
wich East *WH*	19320	15	14	2	5	–	–	–	2	–	–	–	–	–	–	–	8
m	4528	3	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
	16430	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	1
sham Village *W*	11508	12	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
nham	19016	15	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ton H	9503	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
wich Dockyard	17229	16	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–
wich Arsenal H	18319	17	5	2	2	–	–	–	–	–	–	–	–	–	–	–	–
stead, West	13028	11	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–
stead, East *W*	15290	14	6	1	1	2	–	–	–	–	–	–	–	–	–	–	–

llowing are Outlying Workhouses (indicated in the Tables by *w*):

. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
e Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th FEBRUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	11	..	29·634	54·7	43·1	11·6	47·2	42·4	104·2	36·2	46·1	44·2	4·8	9·2	3·3	+ 8·6	83	SSW. & SSE.	SE.	1·0	0·0	0·1	214	0·00	..
MONDAY . .	12	In Equator	29·469	50·3	39·7	10·6	44·2	40·0	96·8	31·8	46·2	44·0	4·2	8·6	0·9	+ 5·8	85	SE.	SSE.	1·4	0·0	0·2	238	0·04	..
TUESDAY .	13	..	29·592	53·7	39·6	14·1	45·9	42·3	99·0	31·9	46·1	44·3	3·6	10·2	0·9	+ 7·6	87	SSE.	SE. & SSE.	1·6	0·0	0·2	277	0·00	..
WEDNESDAY	14	..	29·570	53·8	38·3	15·5	44·8	41·0	86·8	32·9	46·3	44·6	3·8	11·4	0·0	+ 6·6	87	SE. & SSE.	S. SE. & E.	0·4	0·0	0·0	142	0·03	..
THURSDAY.	15	..	29·485	47·9	38·6	9·3	42·2	39·8	62·7	31·3	46·3	44·6	2·4	4·6	0·0	+ 4·1	91	ESE. & E.	ENE. & NNE.	1·3	0·0	0·2	293	0·00	..
FRIDAY . .	16	FirstQr.	29·586	44·1	36·6	7·5	38·3	34·1	44·1	34·0	46·0	44·3	4·2	6·0	0·9	+ 0·2	85	NNE.&N.	NW.& SW.	1·9	0·0	0·2	290	0·02	..
SATURDAY.	17	..	29·635	53·0	36·6	16·4	44·2	39·0	99·8	30·6	45·6	43·5	5·2	14·4	1·5	+ 6·0	82	WSW.	WSW.&SW	2·4	0·0	0·3	357	0·02	..
MEANS . .		..	29·567	51·1	38·9	12·1	43·8	39·8	84·8	32·7	46·1	44·2	4·0	9·2	1·1	+ 5·6	86	SE.		..	..	..	Sum 1811	Sum 0·11	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. FEBRUARY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	11	Positive, with weak tension generally prevalent.	A fine day. The sky was nearly covered with cloud in the morning; the amount, however, decreased as the day advanced, and it became cloudless at night.
MONDAY .	12	Occasional weak positive.	Very fine in morning, and light clouds present. Overcast, and rain fell at night.
TUESDAY .	13	No electricity shown.	Nearly cloudless and very fine till the evening. Overcast after 8h. P.M.
WEDNESDAY	14	Weak positive during the day, increasing in tension at night, with sparks.	Cloudy and rain fell in early morning. Variable amounts of cloud prevalent till 6h. P.M.; then cloudless generally. Dense fog between 10h. and 11h. P.M.
THURSDAY .	15	Positive, with variable tension.	Foggy in morning. Generally cloudy throughout. Rain fell about 10h. A.M.
FRIDAY .	16	Strong positive at night.	Cloudy generally. Very gloomy occasionally during the day. Sleet fell in the morning, and squalls of wind and rain were prevalent between 11h. and 12h. P.M.
SATURDAY .	17	Occasional weak positive.	A very fine day, with generally small amounts of cloud. In the early evening the sky became covered for a short time, and rain fell heavily.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·74 in. at the beginning of the week to 29·44 in. by 9h. A.M. on the 12th; increased to 29·61 in. by noon on the 13th; decreased to 29·47 in. by 3h. P.M. on the 15th; increased to 29·61 in. by noon on the 16th; decreased

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
26th February 1872.

United Kingdom.

During the week ending Saturday the 24th instant, 5348 *births* and 3746 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living; the 176 deaths in Dublin included 33 fatal cases of small-pox, against 47 and 45 in the two previous weeks.

In Edinburgh the annual rate of mortality from all causes was 32 per 1000 persons living, in Glasgow 32 per 1000, and in Dublin 30.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 23 per 1000; Portsmouth 20, Norwich 27, Bristol 21, Wolverhampton 36, Birmingham 22, Leicester 22, Nottingham 28, Liverpool 27, Manchester 35, Salford 29, Oldham 30, Bradford 30, Leeds 30, Sheffield 31, Hull 30, Sunderland 33, and Newcastle-upon-Tyne 28. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 202 and 201, declined last week to 176; of these, 53 occurred in London, 28 in Sheffield, 13 each in Nottingham, Norwich, and Hull, and 10 in Bristol. Liverpool and Oldham were the only towns of the eighteen in which no deaths from small-pox were returned. The annual death-rate from the disease was equal to 8 per 1000 in Norwich and Nottingham, 6 each in Wolverhampton and Sheffield, 5 in Hull, 4 in Leicester, and to 3 each in Newcastle and Bristol.

London.

In London 2328 births and 1488 deaths were registered last week. After making due allowance for increase of population, the births were 117, and the deaths 192 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 24 and 21, rose again last week to 23. The rate was 21 in the West, 26 in the North, 27 in the Central, 23 in the East, and 22 in the South Districts.

The 1488 deaths included 53 from small-pox, 52 from measles, 32 from scarlet fever, 2 from diphtheria, 97 from whooping-cough, 32 from different forms of fever (of which 3 were certified as typhus, 15 as enteric or typhoid, and 14 as simple continued fever), and 8 from diarrhœa; thus to the seven principal diseases of the zymotic class 276 deaths were referred, against 270 and 239 in the two preceding weeks. The fatal cases both of measles and scarlet fever showed an increase upon those in the previous week; four deaths each from measles were returned in Belgrave and Kentish Town, and 6 in Islington East sub-districts; 3 fatal cases each of scarlet fever occurred in St. Paul (Hammersmith), Hackney-road (Bethnal Green), and Peckham sub-districts.

The deaths from small-pox, which in the two previous weeks had been 68 and 48, were 53 last week. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 24 fatal cases were recorded last week, against 34 and 23 in the two preceding weeks. Out of those institutions, three deaths were referred to this disease in Poplar, and two each in Somers Town, Islington East, Pentonville, Hackney Road (Bethnal Green), and St. Paul Deptford sub-districts.

The temperature was again considerably above the average throughout the whole of the week, and the mean was 44°·9 or 6°·1 above the average in the corresponding week of fifty years. During the 74 days ending last Saturday the average daily excess was so much as 4°·9. The length of this warm period, which commenced on 13th December, has been, for the time of year, almost without precedent. The deaths referred to diseases of the respiratory organs, including phthisis, which in the four previous weeks had steadily declined from 582 to 407,

were last week 452 ; this number was 101 below the corrected average number in the corresponding week of the last ten years.

To different forms of violence 41 deaths were referred ; of these, 28 were the result of negligence or accident, including 16 from fractures and contusions, 4 from burns and scalds, 4 from drowning, and 4 of infants, under one year of age, from suffocation. Six cases of suicide, and no less than 7 of murder or manslaughter, including 4 of infanticide, were registered during the week.

Five of the deaths from fractures and contusions, referred to negligence or accident, were caused by horses or vehicles in the streets. It appears from a return made by the Chief Commissioner of Police, that 37 cases of injury and maiming from this class of accident came under the notice of the Metropolitan Police during the seven days ending 25th instant, of which 34 occurred within the London Registration District; these numbers are exclusive of those which may have taken place within the City Police area. The population in the central streets of London is liable to great fluctuations, but as the numbers must bear some proportion to the population, and to the facilities of access from the country, it may be interesting to state now, that the enumerated population within the metropolitan radius of 15 miles from Charing Cross was 902,330 in 1801, and 3,883,092 in 1871.

In the large Public Institutions 276 deaths were recorded, or 19 per cent. of the total deaths ; of these 136 occurred in Workhouses and 132 in Hospitals.

Foreign Cities.

In Paris 820 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 80 deaths occurred in the week ending the 17th instant, and the annual death-rate was 22 per 1000. In Berlin during the week ending 22d, 499 deaths were recorded, showing an annual rate of 31 per 1000 ; the fatal cases of small-pox, which had been 94 and 58 in the two previous weeks, further declined to 55 last week. In Vienna the 356 deaths in the week ending the 17th gave an annual rate of 30 per 1000. In Rome 184 deaths were registered in the week ending the 11th, including 36 from small-pox, against 27 and 46 in the two previous weeks ; the population of the city at the recent enumeration was 244,484, upon which number the 184 deaths give an annual rate equal to 39 per 1000.

In the City of New York 574 deaths were registered in the week ending 3d February, and the equivalent annual rate of mortality was 32 per 1000.

In Bombay the deaths registered during the week ending the 30th ultimo were 377, and the mortality was at the annual rate of 24 per 1000.

Dr. Frankland, F.R.S., reporting upon the quality of the water supplied to the Metropolis during the present month, states that, notwithstanding a gradual improvement in the condition of the Thames since the end of January, the amelioration of the water supplied to London from this source was not very conspicuous, while the water supplied by the New River and East London Companies was more impure than in January, that of the former of these two companies being more contaminated than it has been since February 1869. The water supplied from the Thames, though still much polluted with organic matter, had been more efficiently filtered than it was in January ; nevertheless, the water delivered by the Lambeth Company was turbid, and that delivered by the Chelsea, Southwark, and Grand Junction Companies was slightly turbid. The West Middlesex is the only Company, drawing its supply from the Thames, which has uniformly delivered clear and well-filtered water during the late floods. The water of the New River, East London, and Kent Companies was clear when drawn from the mains. Living and moving organisms were found in the waters of the Chelsea, Grand Junction, and Lambeth Companies. The deep well water of the Kent Company again contained the smallest proportion of organic matter; taking the amount of this most objectionable impurity in a given volume of the Kent Company's water as represented by 1, the proportional amount in an equal volume of water supplied this month by each of the other Metropolitan Companies was as follows:—New River 7·2, East London 9·0, Southwark 9·8, West Middlesex 9·9, Chelsea 10·6, Grand Junction 11·2, and Lambeth 11·3. Dr. Hill reports a considerable improvement in the Birmingham water.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 in.; the highest reading was 29·98 in. on Wednesday evening, and the lowest 29·36 in. on Saturday afternoon. The mean temperature of the *air* was 44°·9, or 6°·1 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from

thermometrical observations taken at the Royal Observatory. The mean temperature again considerably exceeded the average on each day of the week, and ranged from 42°·3, with an excess of 3°·5 on Wednesday, to 47°·7 on Saturday, which was 8°·8 above the average. The highest day temperature in the shade was 55°·8 on Saturday, and the lowest night temperature 35°·2 on Thursday; the entire range of temperature in the week was, therefore, 20°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 118°·0 on Monday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 44°·0. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 14 miles per hour. *Rain* fell on four days during the week to the amount of ·34 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 40°·5 in Newcastle, to 44°·7 in Portsmouth; the lowest recorded night temperature was 31°·0 in Norwich, and the highest day temperature in the shade 54°·8 in Portsmouth. Rain was measured in each of these towns; more than two inches fell in Birmingham, while the amounts in the other towns varied from ·07 of an inch in Norwich, to 1·27 inches in Nottingham.

In Centigrade degrees the mean temperature of the air at Greenwich was 7°·2, or 3°·4 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 13°·2, the lowest night temperature 1°·8, and the highest temperature in the sun 47°·8. The wind blew at the rate of 23 kilometres an hour, and the rain-fall measured ·86 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 237,648 cubic metres, and at Barking 247,847 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied during the month of January 1872: according to their returns, 101,139,041 gallons or 459,521 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 205·1 gallons (93·2 decalitres), rather less than a *ton* by weight, to each house, and 28·9 gallons (13·1 decalitres) to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of January 1872, it may be estimated that about 82,934,014 gallons were probably used for domestic purposes, or about 23·7 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	January 1871.	January 1872.	January 1871.	January 1872.
Total Supply . . .	483,328	493,226	102,824,606	101,139,041
From Thames	223,113	229,195	51,804,352	53,105,858
From Lea and from other Sources . .	260,215	264,031	51,020,254	48,033,183
Thames.				
Chelsea	27,670	27,949	7,203,100	7,548,000
West Middlesex	41,472	42,912	8,510,508	8,789,749
Southwark and Vauxhall . . .	77,277	78,683	16,391,400	16,400,166
Grand Junction	30,929	32,316	10,299,344	10,739,843
Lambeth	45,765	47,335	9,400,000	9,628,100
Lea and other Sources.				
New River	118,440	119,766	22,400,000	21,959,000
East London	101,852	103,513	21,896,000	19,581,280
Kent	39,923	40,752	6,724,254	6,492,903

Note.—The Return for January 1872, compared with that for the corresponding month of 1871, shows an increase of 9,898 houses and a decrease of 1,685,565 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for February.

Sir, *Royal College of Chemistry, 24th February* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of February. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The condition of the Thames has been gradually improving since the end of January, but in the early part of the present month, when my samples were drawn for analysis, the amelioration of the

water supplied to London from this source was not very conspicuous, whilst the supply distributed by the New River and East London Companies was more impure than it was in January; indeed the water of the former of these companies was much more contaminated than it has been since February 1869.

Though still so much polluted with organic matters in solution, the water from the Thames had been more efficiently filtered than it was in January; nevertheless, the water delivered by the Lambeth Company was turbid, whilst that drawn from the mains of the Chelsea, Southwark, and Grand Junction Companies was slightly turbid. The West Middlesex is the only Company drawing from the Thames which has uniformly delivered clear and well filtered water during the continuance of the late floods. The water of the New River, East London, and Kent Companies was clear when drawn from the mains.

Living and moving organisms were found in the water of the Chelsea, Grand Junction, and Lambeth Companies.

The deep well water of the Kent Company again contained the smallest proportion of that most objectionable of impurities, organic matter. Taking the amount of this impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the other Metropolitan Companies was,—New River 7·2, East London 9, Southwark 9·8, West Middlesex 9·9, Chelsea 10·6, Grand Junction 11·2, and Lambeth 11·3.

Dr. Hill reports that there is a considerable improvement in the quality of the Birmingham water this month. The proportions both of organic elements in solution and of matters in suspension are smaller.

I am, &c.,
E. Frankland.

The Registrar General, &c., &c.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	2d February, Cab Rank, Horse Guards	8·5	27·82	·358	·056	·001	·296	·353	2650	2·15	21·5
West Middlesex	2d February, Cab Rank, Portland-road	8·0	28·72	·338	·048	·001	·286	·335	2550	2·05	22·1
Southwark and Vauxhall	2d February, Cab Rank, St. George's Church, Borough.	8·7	30·02	·324	·061	·001	·275	·337	2440	2·05	21·5
Grand Junction	2d February, Cab Rank, Woodstock-street.	7·8	29·44	·376	·060	·001	·286	·347	2550	1·90	21·5
Lambeth	2d February, Cab Rank, Westminster Bridge-road.	8·0	30·76	·372	·068	·001	·322	·391	2910	2·05	22·7
Other Sources.											
New River	2d February, Cab Rank, Tottenham-court-road.	8·0	30·90	·239	·042	·001	·358	·401	3270	1·95	24·2
East London	1st February, Royal Hotel, Mile-end-road.	7·0	34·62	·289	·061	·003	·392	·455	3620	2·45	26·0
Kent	1st February, Deptfd. Bdge. Police Stat.	13·0	41·24	·018	·021	·000	·494	·515	4620	2·95	30·0
Birmingham*	6th February, Birmingham Waterworks	—	26·64	·209	·028	·002	·336	·366	3064	1·54	14·0
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 2d February at the Horse Guards' cab-rank had a temperature of 8°·5 C.; 100,000 lbs. of it contained 27·82 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·358 lb. of carbon and ·056 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia and ·296 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·353 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2,650 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·15 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 21·5 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the EIGHTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1965	1908	2000	2290	2350	2342	2315	2223	2368	2463	2222·4	2328
Males . .	973	1012	1019	1144	1189	1178	1159	1153	1225	1278	1133·0	1210
Females .	992	896	981	1146	1161	1164	1156	1070	1143	1185	1089·4	1118
TOTAL **Deaths**	1415	1377	1677	1590	1630	1337	1336	1419	1861	1633	1527·5	1488
Males . .	703	701	823	804	912	678	683	709	955	808	778·1	749
Females .	712	676	849	786	718	659	653	710	906	825	749·4	739

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Dec. 2.	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.
TOTAL **Deaths** - - -	1918	1856	2121	1943	1686	1619	1632	1623	1602	1423	1524	1320	1488
Deaths under 5 years of age -	813	809	865	813	701	684	663	652	647	571	634	581	634
Deaths 5—20 - - -	121	126	133	119	122	103	110	114	113	88	102	91	92
Deaths 20—40 - - -	233	247	272	254	224	225	215	227	242	201	220	157	213
Deaths 40—60 - - -	315	284	352	319	281	266	283	264	253	241	230	219	261
Deaths 60—80 - - -	359	322	409	361	292	280	306	301	282	271	278	224	237
Deaths at 80 years & upwards	77	68	90	77	66	61	55	70	65	51	60	48	51
Deaths from Small-pox - -	78	104	106	90	97	91	90	93	90	52	63	48	53
,, ,, Measles - -	83	81	97	102	75	67	51	60	41	32	40	30	52
,, ,, Scarlet Fever -	39	34	37	28	34	24	23	34	19	32	31	16	32
,, ,, Diphtheria -	10	10	7	3	2	3	3	6	7	4	3	6	2
,, ,, Whooping-cough	72	85	99	117	79	92	115	115	98	115	88	99	97
,, ,, Typhus fever -	12	6	9	6	4	2	4	7	7	1	4	3	3
,, ,, Enteric (or Typhoid) fever -	19	35	23	32	33	26	25	35	14	16	15	20	15
,, ,, SimpleContdfever	8	10	10	12	8	12	12	6	7	9	8	6	14
,, ,, Diarrhœa - -	16	14	15	13	9	7	3	10	12	6	13	11	8
,, ,, Simple Cholera -	—	—	—	—	—	—	—	—	—	—	—	—	—
,, ,, Phthisis - -	168	179	224	182	164	160	162	171	194	162	160	141	168
,, ,, Bronchitis - -	457	257	482	364	302	273	278	262	259	197	193	163	158
,, ,, Pneumonia -	132	155	139	117	101	97	96	75	88	82	80	57	78
,, ,, Heart Disease -	103	77	93	99	77	74	62	91	70	72	71	59	80
Mean Temperature of the Air	36°4	29°8	39°9	41°6	43°0	41°5	40°3	39°1	42°0	44°4	46°6	43°8	44°9
Mean Temperature of the Water of the Thames -	38·0	36·0	34·3	37·7	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0
Humidity of the Air - -	89	81	90	92	89	84	90	89	92	85	87	86	85
Rain-fall in inches - -	0·12	0·04	0·10	0·51	0·56	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday, the 24th day of February 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 24th Feb. 1872.	DEATHS registered during the Week ending 24th Feb. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5348	3746	57·8	31·0	42·5	5·84	0·85	2·
LONDON	77,997	3,312,591	42·5	2328	1488	55·8	35·2	44·9	7·17	0·34	0·
PORTSMOUTH	9,513	115,455	12·1	85	45	54·8	32·8	44·7	7·06	0·64	1·
NORWICH	7,472	81,105	10·9	56	42	50·2	31·0	41·1	5·06	0·07	0·
BRISTOL	4,688	186,428	39·8	124	76	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	57	48	53·4	35·1	42·6	5·89	0·57	1·
BIRMINGHAM	7,831	350,164	44·7	263	147	54·2	36·0	43·0	6·11	2·27	5·
LEICESTER	3,200	99,143	31·0	107	41	54·2	32·2	42·5	5·84	0·91	2·
NOTTINGHAM	1,996	88,225	44·2	54	48	52·5	32·2	42·1	5·62	1·27	3·
LIVERPOOL	5,108	499,897	97·9	373	255	53·8	36·0	43·4	6·33	0·71	1·
MANCHESTER	4,486	352,759	78·6	297	238	54·0	33·0	42·2	5·67	1·13	2·
SALFORD	5,172	127,923	24·7	61	71	53·8	32·9	42·0	5·56	1·12	2·
OLDHAM	4,167	84,004	20·2	64	48	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	109	87	48·8	36·5	42·8	6·00	0·77	1·
LEEDS	21,572	266,564	12·4	220	155	51·0	36·0	42·2	5·67	0·68	1·
SHEFFIELD	22,830	247,847	10·9	196	146	53·0	32·3	42·6	5·89	0·95	2·
HULL	3,562	124,976	35·1	91	73	—	—	—	—	—	—
SUNDERLAND	3,396	100,665	30·4	90	64	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	103	69	47·0	33·0	40·5	4·72	0·35	0·
EDINBURGH	4,427	205,146	46·3	115	126	47·0	31·0	39·2	4·00	0·90	2·
GLASGOW	5,063	489,136	94·8	379	303	46·1	35·0	40·5	4·72	1·63	4·
DUBLIN	9,745	310,565	31·9	176	176	57·8	32·5	45·6	7·55	0·19	0·

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The populatio Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 24th day of February 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	26	3141	713	588	176	66	71	10	176	76	28	99	182
LONDON	23	1488	316	288	53	52	32	2	97	32	8	41	84
PORTSMOUTH	20	45	8	11	2	1	–	–	–	2	–	1	1
NORWICH	27	42	9	10	13	–	–	–	1	–	–	–	–
BRISTOL	21	76	15	19	10	1	1	1	1	2	–	3	8
WOLVERHAMPTON	36	48	9	6	8	–	–	–	2	1	–	3	3
BIRMINGHAM	22	147	37	37	8	–	1	–	9	6	3	7	14
LEICESTER	22	41	13	9	7	1	1	–	–	1	–	2	2
NOTTINGHAM	28	48	13	6	13	–	2	–	–	3	2	–	–
LIVERPOOL	27	255	68	60	–	4	3	2	19	7	2	16	24
MANCHESTER	35	238	49	39	2	2	2	1	25	5	2	4	11
SALFORD	29	71	17	7	1	–	5	1	9	1	1	3	3
OLDHAM	30	48	11	4	–	2	1	–	1	2	1	2	5
BRADFORD	30	87	27	9	1	–	1	1	3	–	1	3	6
LEEDS	30	155	48	29	7	3	1	1	5	2	4	3	6
SHEFFIELD	31	146	29	15	28	–	11	–	3	3	2	5	6
HULL	30	73	14	17	13	–	2	1	–	5	1	2	1
SUNDERLAND	33	64	14	8	2	–	8	–	–	2	–	1	4
NEWCASTLE-ON-TYNE	28	69	16	14	8	–	–	–	1	2	1	3	4
DUBLIN	30	176	25	40	33	–	3	–	2	7	1	3	2

TABLE 5.—DEATHS in LONDON Registered in the EIGHTH Week of the Year 1872.

USES OF DEATH.	Average in the Eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 24, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	40°3	44°9						
L CAUSES – –	1527·5	1488	634	92	213	261	237	51
ECIFIED CAUSES	1512·3	1484	631	92	213	260	237	51
MOTIC DISEASES.								
ORDER 1.								
all-pox – – –	38·3	53	21	17	12	3	–	–
asles – – –	23·3	52	50	2	–	–	–	–
arlet Fever (Scarlatina)	49·9	32	22	7	3	–	–	–
phtheria – – –	8·6	2	2	–	–	–	–	–
insy – – –	1·5	–	–	–	–	–	–	–
oup – – –	16·6	6	5	1	–	–	–	–
ooping-cough – –	62·8	97	97	–	–	–	–	–
phus – – – }		3	–	1	–	2	–	–
teric or Typhoid Fever }	53·6	15	3	5	4	2	1	–
nple continued Fever }		14	7	5	2	–	–	–
ysipelas – –	6·2	10	6	–	–	1	2	1
erperal Fever (Metria)	4·5	4	–	–	4	–	–	–
rbuncle – – –	1·2	–	–	–	–	–	–	–
fluenza – – –	·9	–	–	–	–	–	–	–
sentery – – –	2·1	2	–	1	1	–	–	–
arrhœa – – –	13·2	8	5	–	–	1	2	–
nple Cholera –	·6	–	–	–	–	–	–	–
ue – – –	·4	–	–	–	–	–	–	–
mittent Fever –	·9	–	–	–	–	–	–	–
eumatism – –	9·5	3	–	–	1	1	1	–
her *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
ORDER 2.								
philis – – –	7·4	12	10	–	1	1	–	–
icture of Urethra –	1·1	1	–	–	–	1	–	–
drophobia – –	·1	–	–	–	–	–	–	–
anders – – –	––	–	–	–	–	–	–	–
ORDER 3.								
ivation – – –	·5	–	–	–	–	–	–	–
ant of Breast-milk –	6·9	9	9	–	–	–	–	–
rpura and Scurvy –	1·7	1	1	–	–	–	–	–
co- } *a* Del. Tremens –	2·2	1	–	–	1	–	–	–
sm } *b* Intemperance –	1·2	–	–	–	–	–	–	–
ORDER 4.								
rush – – – –	2·3	3	3	–	–	–	–	–
orms, &c. – –	––	–	–	–	–	–	–	–
NSTITUTIONAL DIS.								
ORDER 1.								
ut – – – –	1·8	3	–	–	1	–	2	–
ropsy – – –	15·6	14	2	–	3	4	5	–
ncer – – –	31·6	43	–	–	8	26	9	–
ncrum Oris (Noma) –	·8	1	1	–	–	–	–	–
ortification – –	4·7	4	–	–	–	–	4	–
ORDER 2.								
rofula – – –	9·0	6	4	2	–	–	–	–
bes Mesenterica –	15·1	26	24	2	–	–	–	–
thisis – – –	169·2	168	9	18	80	55	6	–
drocephalus –	32·0	32	30	2	–	–	–	–
LOCAL DISEASES.								
ORDER 1.								
phalitis – – –	17·2	18	16	1	–	–	1	–
oplexy – – –	40·3	42	4	–	4	15	18	1
ralysis – – –	32·1	21	–	–	–	5	12	3
sanity – – –	2·4	2	–	–	1	–	1	–
orea – – – –	·1	–	–	–	–	–	–	–
ilepsy – – –	7·0	8	1	1	3	2	1	–
nvulsions – –	62·8	41	40	–	–	–	1	–
ain Disease, &c. – –	16·9	25	8	1	2	6	7	1
ORDER 2.								
ricarditis – – –	2·5	5	1	–	1	3	–	–
neurism – – –	2·6	5	–	–	2	2	1	–
art Disease, &c. – –	71·9	80	–	7	16	31	26	–
ORDER 3.								
ryngitis – – –	11·2	9	8	–	–	–	1	–
onchitis – – –	207·0	158	52	1	10	32	49	14
nurisy – – –	2·8	5	–	–	3	2	–	–
eumonia – – –	79·5	78	55	3	8	7	5	–
thma – – – –	17·0	10	–	–	–	5	5	–
ng Disease, &c. – –	15·6	24	12	–	–	5	5	2
ORDER 4.								
astritis – – –	2·3	1	1	–	–	–	–	–
nteritis – – –	4·2	4	2	1	1	–	–	–
ritonitis – –	5·2	3	–	–	1	2	–	–
cites – – –	1·8	1	–	–	–	–	1	–
ceration of Intestines –	2·5	2	–	–	1	1	–	–
ernia – – – –	3·4	3	–	–	1	–	1	1
us – – – –	2·9	3	–	–	–	1	2	–
tussusception – –	1·0	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, February 24, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	40°3	44°9						
9. Stricture of Intestines –	·6	–	–	–	–	–	–	–
10. Fistula – – –	·3	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·4	11	1	1	2	2	5	–
12. *Pancreas Disease, &c.* –	––	–	–	–	–	–	–	–
13. Hepatitis – – –	3·5	7	–	–	2	1	4	–
14. Jaundice – – –	4·2	8	1	2	1	1	2	1
15. *Liver Disease, &c.* –	18·0	22	–	1	2	12	7	–
16. *Spleen Disease, &c.* –	·4	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·4	3	1	–	1	1	–	–
2. Ischuria – – –	·2	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	11·0	16	–	–	6	8	2	–
4. Diabetes – – –	2·2	2	–	–	1	1	–	–
5. Calculus (Stone) – –	·6	1	–	–	–	–	1	–
6. Cystitis – – –	1·3	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* –	7·5	5	–	–	–	2	3	–
ORDER 6.								
1. Ovarian Dropsy –	1·0	4	–	–	1	2	1	–
2. *Uterus Disease, &c.* –	4·4	6	–	–	1	4	1	–
ORDER 7.								
1. Synovitis (Arthritis) –	·4	2	2	–	–	–	–	–
2. *Joint Disease, &c.* –	5·8	7	1	2	2	1	1	–
ORDER 8.								
1. Phlegmon – – –	1·7	1	–	–	–	1	–	–
2. Ulcer – – –	1·1	–	–	–	–	–	–	–
3. *Skin Disease, &c.* –	1·2	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	23·8	30	30	–	–	–	–	–
2. Cyanosis – – –	2·7	2	2	–	–	–	–	–
3. Spina Bifida – – –	·8	1	1	–	–	–	–	–
4. Other Malformations –	1·5	2	2	–	–	–	–	–
5. Teething – – – –	19·3	14	14	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	6·6	9	–	–	6	3	–	–
ORDER 3.								
1. Old Age – – – –	61·6	53	–	–	–	–	27	26
ORDER 4.								
1. Atrophy and Debility –	53·8	64	52	3	2	1	6	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	16·8	16	2	2	6	–	6	–
2. Wounds { Gunshot – } { Cut, Stab – }	·8	–	–	–	–	–	–	–
3. Burns and Scalds –	9·1	4	2	1	–	–	–	1
4. Poison – – –	1·3	–	–	–	–	–	–	–
5. Drowning – – –	3·3	4	1	2	1	–	–	–
6. Suffocation – – –	12·1	4	4	–	–	–	–	–
7. Otherwise – – –	1·7	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	3·3	7	4	–	3	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot – } { Cut, Stab – }	·2	–	–	–	–	–	–	–
	·7	1	–	–	–	1	–	–
2. Poison – – –	1·1	–	–	–	–	–	–	–
3. Drowning – – –	1·3	3	–	–	1	1	1	–
4. Hanging – – –	1·2	2	–	–	–	2	–	–
5. Otherwise – – –	·6	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	·5	–	–	–	–	–	–	–
Violent Deaths (not classed)	·1	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·8	–	–	–	–	–	–	–
Causes not specified or illdefined – – – –	12·4	4	3	–	–	1	–	–

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include											
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2328	1488	316	288	53	52	32	2	97	3	15	14	8	41	84
WEST DISTRICTS	561,189	365	231	51	40	2	10	7	1	11	2	2	3	2	6	15
NORTH DISTRICTS	751,668	518	380	77	86	24	22	5	1	32	1	2	1	2	11	27
CENTRAL DISTRICTS	333,887	211	172	34	31	7	6	2	–	13	–	1	–	–	3	9
EAST DISTRICTS	638,928	501	287	61	50	6	4	8	–	24	–	3	6	2	8	14
SOUTH DISTRICTS	966,132	733	418	93	81	14	10	10	–	17	–	7	4	2	13	19
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	42	17	7	6	1	–	–	–	1	–	–	–	–	–	1
St. John Paddington H	38082	15	10	2	2	–	–	–	–	–	–	1	–	–	–	–
Kensington Town *WL*	91883	69	31	10	4	–	–	–	–	2	1	–	–	1	–	–
Brompton H	28651	22	11	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	6	3	–	1	–	–	–	–	–	–	–	–	–	–	1
St. Paul Hammersmith H	36030	30	17	4	4	–	–	3	–	–	–	1	–	–	3	5
Fulham *WLLLL*	23378	19	8	1	1	–	–	–	–	–	–	–	1	–	1	2
Chelsea South HH	26419	15	10	2	–	–	2	1	–	–	–	–	1	–	–	–
Chelsea North-west H*Ww*	23278	19	14	1	3	–	1	–	–	–	–	–	–	–	–	1
Chelsea North-east L	21389	17	6	2	–	–	–	–	–	1	–	–	–	–	–	–
Hanover Square	18700	9	9	–	2	–	–	1	1	1	–	–	–	–	–	–
May Fair *W*	13020	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	26	34	9	4	–	4	2	–	2	–	–	–	1	2	4
St. John Westminster HHH	38470	22	11	4	–	1	1	–	–	2	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27649	16	24	3	3	–	1	–	–	1	1	–	–	–	–	1
St. James's Square	10453	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	12	7	–	3	–	1	–	–	–	–	–	–	–	–	–
Berwick-street	10279	11	6	4	1	–	–	–	–	1	–	–	–	–	–	–
St. Anne Soho HH	17355	11	9	1	3	–	–	–	–	–	–	–	1	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	27	18	1	1	–	1	–	–	1	–	–	–	–	1	1
Cavendish Square	15419	8	7	–	2	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	20	18	5	6	–	–	–	–	–	–	–	–	1	–	–
St. Mary Marylebone H	21795	20	16	6	4	–	2	–	–	2	–	–	–	1	–	–
Christchurch Marylebone	33892	18	23	3	6	1	2	–	–	2	–	–	–	–	–	2
St. John Marylebone	33110	18	6	1	1	–	–	–	–	–	–	–	–	–	–	1
Hampstead *WHH*	32271	14	15	2	3	5	1	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	22	6	1	2	–	–	–	–	–	–	–	–	–	–	1
Tottenham-court *wH*	29360	18	13	1	1	–	1	1	–	–	–	–	–	–	–	–
Gray's Inn Lane H	29216	9	15	3	5	–	–	–	–	1	–	–	–	–	2	2
Somers Town	38562	29	17	8	3	2	–	–	–	1	–	–	–	–	–	2
Camden Town *W*	18066	19	12	–	4	–	–	–	–	1	–	1	1	–	1	2
Kentish Town *W*	68198	45	32	8	9	–	4	2	–	3	–	–	–	–	–	–
Islington West *WHHH*	97801	78	48	14	5	4	1	1	1	9	–	–	–	–	5	9
Islington East *Www*	115948	96	69	14	16	2	6	–	–	9	1	1	–	–	1	5
Stoke Newington L	9810	3	4	–	1	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6593	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	15	17	3	5	–	3	–	–	1	–	–	–	–	–	–
Hackney *WwHL*	50087	31	33	6	7	10	–	1	–	2	–	–	–	–	–	1
South Hackney L	30305	23	10	1	4	–	1	–	–	–	–	–	–	–	1	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	8	10	3	4	–	–	–	–	3	–	–	–	–	–	–
St. Giles South *WH*	19089	15	14	3	1	–	2	–	–	–	–	–	–	–	1	2
St. Giles North	16497	10	8	2	1	1	1	–	–	1	–	–	–	–	–	–
Long Acre	11826	7	3	1	2	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *WH*	9831	7	5	2	–	–	1	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	6	6	1	–	1	–	–	–	1	–	–	–	–	–	–
St. Clement Danes H	10711	5	9	2	3	–	–	–	–	–	–	–	–	–	1	–
St. George-the-Martyr HHH	20521	7	8	3	1	–	–	–	–	1	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	14	9	1	–	–	–	–	–	2	–	–	–	–	–	–
Saffron Hill	9051	8	7	1	2	–	–	–	–	1	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	9	11	2	4	1	–	–	–	–	–	1	–	–	–	1
Amwell Clerkenwell	16878	7	2	1	–	–	–	–	–	–	–	–	–	–	–	1
Pentonville	13293	8	11	1	3	2	–	2	–	1	–	–	–	–	–	1
Goswell-street	16220	9	8	2	–	–	–	–	–	–	–	–	–	–	–	–
Old-street	12156	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	26	9	–	2	1	2	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	20	6	4	–	–	–	–	–	–	–	–	–	–	–	1
Finsbury	10732	5	4	1	1	–	–	–	–	1	–	–	–	–	–	–
St. Botolph East London HH	14484	9	9	1	1	–	–	–	–	1	–	–	–	–	–	1
Cripplegate	13639	6	7	2	–	1	–	–	–	1	–	–	–	–	–	–
St. Sepulchre H	7562	4	10	–	2	–	–	–	–	–	–	–	–	–	–	1
St. Bride *W*	11184	4	5	1	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	2	–	2	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	1	–	–	–	–	–	–	–	–	–	–	–	1	1
Allhallows Barking	5694	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	7	2	–	1	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 24th February 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch	12429	4	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	13	7	1	1	–	–	1	–	–	–	–	–	–	–	–	–
ton New Town *w*	27832	26	12	2	3	–	–	2	–	–	–	–	–	–	–	–	1
ton Old Town	26944	24	19	5	1	–	–	1	–	2	–	1	1	1	–	–	–
gerstone West *W*	24153	12	11	4	2	–	–	–	–	1	–	–	–	1	–	–	3
gerstone East	19257	13	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
kney-road	20808	25	16	2	2	2	–	3	–	3	–	–	–	–	–	–	–
n, Bethnal Green *WHL*†	42443	33	22	5	4	–	1	–	–	3	–	–	1	–	–	–	4
rch, Bethnal Green	26574	20	9	6	1	–	–	–	–	2	–	–	–	–	–	–	–
n, Bethnal Green	21375	26	6	1	–	–	1	–	–	1	–	–	–	–	–	–	–
llery Whitechapel	6651	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ldfields	15844	10	4	2	1	–	–	–	–	1	–	–	–	–	–	–	–
End New Town *W*	15550	15	17	4	5	–	–	–	–	1	–	–	–	–	–	2	9
techapel North	11434	6	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
techapel Church H	7323	6	20	–	1	–	–	–	–	1	–	–	–	–	5	5	17
dman's Fields	10381	6	3	1	–	–	1	–	–	–	–	–	–	–	–	1	–
gate	9149	4	6	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Mary St. George East	17906	14	5	–	–	–	–	–	–	–	–	–	1	–	1	1	–
Paul St. George East	21356	21	9	4	–	–	–	–	–	–	–	–	1	–	–	1	–
John St. George East *W*	8973	14	6	1	2	–	–	–	–	1	–	–	–	–	–	–	3
dwell	11623	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
cliff *WH*	15930	12	4	–	2	–	–	–	–	–	–	–	–	–	–	–	–
lehouse *W*	30025	19	4	1	–	–	–	–	–	–	–	–	–	–	–	1	–
e End Old Town West	38126	28	16	2	2	–	–	–	–	2	–	1	1	–	–	–	–
e End Old Town East *WioH*	55020	40	24	3	7	–	–	1	–	3	–	1	1	–	2	3	2
r *WicwHL*†	67777	63	35	5	8	1	–	–	–	2	–	–	–	–	–	–	14
lar *W*	48500	38	21	6	4	3	1	–	–	1	–	–	–	–	–	–	1
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	18	10	3	2	1	–	–	–	2	–	–	–	1	1	1	3
Saviour Southwark H	15667	10	6	1	1	–	–	–	–	1	–	–	–	–	–	–	1
t-road	20150	10	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–
ough-road *WH*	16694	12	12	4	2	–	1	–	–	1	–	–	–	–	1	–	3
don-road L	18959	16	7	2	–	–	1	–	–	–	–	–	–	–	–	–	–
nity Newington	23673	12	10	1	3	–	1	1	–	–	–	–	–	–	–	–	–
Peter Walworth *W*	48232	51	34	5	8	1	2	–	–	3	–	–	–	–	–	–	14
Mary Newington H	16786	8	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–
Olave Southwark H	4187	1	17	1	1	–	–	–	–	–	–	–	–	–	1	1	14
John Horsleydown *W*	10595	7	8	–	3	–	–	–	–	1	–	–	1	–	1	1	2
ther Market	16785	10	5	1	1	–	–	–	–	1	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	10	9	3	4	1	1	–	–	2	–	–	–	–	–	–	3
James Bermondsey	47921	56	20	5	2	1	–	–	–	–	–	–	–	–	2	2	–
herhithe *W*	25873	16	6	3	1	1	–	–	–	–	–	–	–	–	–	–	–
terloo-road 1st H	14086	16	7	1	2	–	–	1	–	–	–	–	–	–	–	–	–
terloo-road 2nd H	18453	11	11	5	1	–	–	–	–	–	–	–	–	–	1	3	2
nbeth Church 1st	19470	9	19	3	3	–	–	–	–	–	–	1	–	–	2	3	9
nbeth Church 2nd *W*	35831	29	10	5	1	–	–	–	–	–	–	–	–	–	1	1	2
nington 1st *W*	41284	29	21	5	3	–	1	–	–	1	–	–	–	–	1	1	–
nington 2nd	31213	15	5	2	2	–	–	–	–	1	–	–	–	–	–	1	–
xton HL	35431	24	22	6	6	6	–	1	–	–	–	–	–	–	–	–	6
rwood *W*	12534	12	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–
pham HL	27348	18	10	–	2	–	–	–	–	–	–	–	–	–	–	–	–
tersea *W*	53988	32	24	2	6	1	–	–	–	1	–	1	–	–	–	1	5
ndsworth HL	10797	14	9	3	1	–	–	–	–	–	–	–	–	–	–	–	2
ney	1438	6	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
eatham	14479	10	4	3	–	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	1	3	–	1	–	–	2	–	–	–	–	–	–	–	–	7
nberwell *WL*‡*L*†	31251	23	15	2	3	–	1	1	–	–	–	–	–	–	–	1	–
kham *W*	42159	45	21	4	6	–	–	3	–	1	–	1	–	1	–	1	–
George Camberwell	33851	33	14	4	3	–	–	–	–	–	–	3	1	–	2	2	–
Paul Deptford	53696	48	24	5	1	2	–	1	–	1	–	–	1	–	–	–	–
Nicholas Deptford	6487	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
enwich West	21098	17	7	2	1	–	1	–	–	–	–	–	–	–	–	–	–
enwich East *WH*	19320	18	9	–	4	–	–	–	–	–	–	–	–	–	–	–	6
ham	4528	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	16430	8	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–
isham Village *W*	11508	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
enham	19016	15	5	2	1	–	–	–	–	–	–	–	1	–	–	–	–
rlton H	9503	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	1
olwich Dockyard	17229	20	7	3	1	–	1	–	–	–	–	–	–	–	–	–	–
olwich Arsenal H	18319	10	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–
mstead West	13028	10	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
mstead East *W*	15290	12	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – ,, ,, Tottenham-court sub-district.
London City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums where paupers are admitted.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th FEBRUARY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	18	..	29·556	49·9	42·0	7·9	46·3	41·6	65·2	41·1	45·4	43·2	4·7	7·4	2·0	+ 8·0	83	SW.	SW.	12·0	0·2	1·1	571	0·08	..
MONDAY .	19	Apogee Greatest Dec. N.	29·608	53·8	39·3	14·5	46·0	39·9	118·0	33·0	45·4	43·6	6·1	13·2	0·9	+ 7·5	79	WSW. & SW.	W. & SW.	4·0	0·0	0·4	364	0·04	..
TUESDAY .	20	..	29·740	52·4	37·6	14·8	44·4	38·5	106·8	30·6	45·4	43·4	5·9	13·2	2·4	+ 5·7	80	SW. & WSW.	WSW&SW.	1·3	0·0	0·2	309	0·00	..
WEDNESDAY	21	..	29·894	51·5	35·8	15·7	42·3	36·2	98·2	29·8	45·0	43·0	6·1	12·8	3·7	+ 3·5	79	SW. & W.	W & WSW.	1·6	0·0	0·1	304	0·00	..
THURSDAY .	22	..	29·912	49·6	35·2	14·4	43·4	39·8	73·7	28·2	44·6	42·8	3·6	10·3	1·8	+ 4·4	87	SSW.	SSW.	1·5	0·0	0·1	316	0·00	..
FRIDAY . .	23	..	29·602	51·4	40·8	10·6	43·9	41·4	63·4	34·2	44·6	42·8	2·5	6·6	0·0	+ 4·7	91	S. by W, S, & SSE.	W. & SW.	0·7	0·0	0·1	242	0·19	..
SATURDAY .	24	Full	29·378	55·8	41·1	14·7	48·2	47·7	67·3	35·8	44·3	42·5	0·5	3·8	0·0	+ 8·8	98	S by W. & S.	SW.	1·7	0·0	0·2	318	0·03	..
MEANS . .		..	29·670	52·1	38·8	13·2	44·9	40·7	84·7	33·2	45·0	43·0	4·2	9·6	1·5	+ 6·1	85	SW.		..	..	..	Sum 2424	Sum 0·34	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. FEBRUARY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	18	No electricity shown.	Generally overcast till late in the evening; then variable. Rain fell in early morning. Brisk wind prevalent.
MONDAY .	19		Rain fell heavily in the early morning and about noon. Light clouds prevalent during the day; the sky becoming covered at night with thin cloud. A fine lunar halo in the evening.
TUESDAY .	20	Weak positive occasionally shown.	Cloudless in early morning. Light clouds of the cirro-cumulus type generally present in the day. Very fine. Faint auroral light visible at night.
WEDNESDAY	21		A fine day. Slightly cloudy about mid-day. Nearly cloudless at other times.
THURSDAY .	22		Overcast and very dull till night. Fine, with variable amounts of cloud during the evening.
FRIDAY .	23	Strong negative in morning, weak positive at night.	Rain fell heavily in early morning, and thinly till noon. Overcast till noon, about which time the clouds became broken. A fine afternoon and evening.
SATURDAY .	24	Occasional negative, with weak tension.	Generally overcast till after 9h. P.M. Rain fell in early morning, and thinly at night. Very fine after 9h. P.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·63 in. at the beginning of the week to 29·52 in. by 9h. P.M. on the 18th; increased to 29·98 in. by 9h. P.M. on the 21st; remained about this reading till after 9h. A.M. on the 22d; decreased to 29·59 in. by noon on the 23d; increased to 29·64 in. by 9h. P.M. on the same day; decreased to 29·36 in. by 3h. P.M. on the 24th; and was 29·41 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
4th March 1872.

United Kingdom.

During the week ending Saturday the 2d instant, 4953 *births* and 3649 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 36 per 1000 persons living, in Glasgow 32 per 1000, and in Dublin 31; the fatal cases of small-pox in Dublin, which in the three previous weeks had been 47, 45, and 33, were 37 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 19, Norwich 30, Bristol 25, Wolverhampton 37, Birmingham 23, Leicester 23, Nottingham 25, Liverpool 28, Manchester 29, Salford 28, Oldham 41, Bradford 29, Leeds 31, Sheffield 25, Hull 23, Sunderland 38, and Newcastle-upon-Tyne 23. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 201 and 176, further declined last week to 159; of these, 52 occurred in London, 24 in Sheffield, 16 in Norwich, 14 in Nottingham, 8 each in Wolverhampton, Hull, and Bristol, 6 in Leeds, 5 each in Birmingham, Leicester, and Portsmouth, 4 in Newcastle-upon-Tyne, and 3 in Sunderland. No deaths from small-pox were returned either in Liverpool, Manchester, Salford, or Bradford. The annual death-rate from the disease was equal to 10 per 1000 persons living in Norwich, 8 in Nottingham, 6 in Wolverhampton, 5 in Sheffield, 3 each in Hull and Leicester, and to 2 per 1000 each in Portsmouth, Bristol, Sunderland, and Newcastle-upon-Tyne.

London.

In London 2054 births and 1423 deaths were registered last week. After making due allowance for increase of population, the births were 380, and the deaths 212, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 21 and 23, was 22 last week. The rate was 19 in the West, 22 in the North, 25 each in the Central and East, and 22 in the South Districts.

The 1423 deaths included 52 from small-pox, 41 from measles, 21 from scarlet fever, 5 from diphtheria, 95 from whooping-cough, 21 from different forms of fever (of which 3 were certified as typhus, 12 as enteric or typhoid, and 6 as simple continued fever), and 10 from diarrhœa; thus to the seven principal diseases of the zymotic class 245 deaths were referred, against 239 and 276 in the two preceding weeks. The largest decline was shown in the deaths from measles, scarlet fever, and simple continued fever. Three fatal cases each of measles were returned in Fulham, Hampstead, West Hackney, Hackney-road, and Poplar sub-districts. Scarlet fever caused 4 deaths in Peckham and 3 in Hackney-road, Bethnal Green. The 95 deaths from whooping-cough showed an excess of 26 upon the corrected average number in the corresponding week of the last ten years. Two deaths each from enteric fever were registered in Mile End Old Town West and St. Peter Walworth sub-districts.

The deaths from small-pox, which in the two previous weeks had been 48 and 53, were 52 last week. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell only 14 fatal cases were recorded, against 34, 23, and 24 in the three preceding weeks. Out of those institutions, five deaths were referred to this disease in the Town sub-district of Bethnal Green, of which three occurred in Nelson Street and two in Collingwood Street; the certificates of the cause of death omitted in each of these cases to state whether the deceased had been vaccinated.

The temperature was slightly below the average on Tuesday and Wednesday last, while a large excess prevailed on each of the other days, and the mean of the week was 45°·6 and 5°·6 above the average for the corresponding week in 50 years. On Friday and Saturday the temperature was equal to that of average

days in the middle of May. During the 81 days ending last Saturday the average daily excess of temperature was so high as 4°·9. The rain-fall, which was 3·6 inches during January, did not exceed ·75 of an inch in February ; the fall in the two months exceeded the average in 56 years by about an inch.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 407 and 452, were 455 last week ; this number was 85 below the corrected average number in the corresponding week of the last ten years.

To different forms of violence 51 deaths were referred ; of these, 43 were the result of negligence or accident, including 19 from fractures and contusions, 4 from burns and scalds, 8 from drowning, and 9 of infants from suffocation. Four cases of suicide, three of infanticide, and one of manslaughter, were registered during the week.

Four of the deaths from fractures and contusions, referred to negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished to the Registrar General by the Commissioners of the Metropolitan and City Police, that 49 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 3d instant, in addition to the four above mentioned fatal cases ; of these, 7 occurred in the City, and 42 in the Metropolitan Police Districts.

In the large Public Institutions 240 deaths were recorded, or 17 per cent. of the total deaths ; of these 125 occurred in Workhouses, and 102 in Hospitals.

Foreign Cities.

In Paris 824 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 80 deaths occurred in the week ending the 24th ultimo, and the annual death-rate was 22 per 1000. In Berlin during the week ending 29th ultimo 508 deaths were recorded, showing an annual rate of 32 per 1000. In Vienna the 431 deaths in the week ending the 24th gave an annual rate of 36 per 1000. In Rome 194 deaths were registered in the week ending the 18th, and the annual death-rate was 41 per 1000 ; 27 deaths were referred to small-pox, against 46 and 36 in the two preceding weeks. The population of Turin at the recent Census was found to be 212,644 ; 1091 deaths were recorded therein during the eight weeks ending 25th ultimo, or equal to an annual death-rate of 34 per 1000.

In Bombay the deaths registered during the week ending the 6th ultimo were 383, and the mortality was at the annual rate of 24 per 1000. In Madras the 261 deaths in the week ending 5th January showed an annual death-rate equal to 32 per 1000 of the population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in. ; the highest reading was 30·04 in. on both Tuesday and Saturday evenings, and the lowest 29·33 in. on Sunday morning, 25th ultimo. The mean temperature of the *air* was 45°·6, or 5°·6 above the mean temperature of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean temperature was slightly below the average on both Tuesday and Wednesday, while a considerable excess prevailed on each of the other days ; on Friday and Saturday, the mean was 52°·1 and 51°·2, and respectively 11°·9 and 11°·0 above the average. The highest day temperature in the shade was 58°·4 on Saturday, and the lowest night temperature 32°·4 on Wednesday ; the entire range of temperature in the week was, therefore, 26°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 103°·3 on Tuesday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 44°·5. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 14 miles per hour. *Rain* fell on four days during the week, to the amount of ·17 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 42°·6 in Newcastle, to 45°·8 in Portsmouth ; the lowest recorded night temperature was 30°·0 in Norwich, and the highest day temperature in the shade 59°·0 in Nottingham. Rain was measured in each of these towns ; the amounts varied from ·21 of an inch in Wolverhampton, to 1·32 in Manchester.

In Centigrade degrees the mean temperature of the air at Greenwich was 7°·6, or 3°·1 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 14°·7, the lowest night temperature 0°·2, and the highest temperature in the sun 39°·6. The wind blew at the rate of 22 kilometres an hour, and the rain-fall measured ·43 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 226,892 cubic metres, and at Barking 280,315 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the NINTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1905	2240	2139	2242	2087	2215	2324	2307	2259	2410	2212 8	2054
Males . .	965	1163	1120	1125	1026	1126	1206	1144	1157	1220	1125·2	1053
Females .	940	1077	1019	1117	1061	1089	1118	1163	1102	1190	1087·6	1001
TOTAL **Deaths**	1322	1440	1766	1482	1545	1295	1266	1487	1673	1591	1486·7	1423
Males . .	679	733	910	763	762	670	668	740	811	819	755·5	746
Females .	643	707	856	719	783	625	598	747	862	772	731·2	677

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Dec. 9.	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.
TOTAL **Deaths** - - -	1856	2121	1943	1686	1617	1632	1628	1602	1423	1524	1320	1488	1423
Deaths under 5 years of age -	809	865	813	701	683	663	652	647	571	634	581	634	624
Deaths 5—20 - - -	126	133	119	122	102	110	114	113	88	102	91	92	96
Deaths 20—40 - - -	247	272	254	224	225	215	227	242	201	220	157	213	188
Deaths 40—60 - - -	284	352	319	281	266	283	264	253	241	230	219	261	234
Deaths 60—80 - - -	322	409	361	292	280	306	301	282	271	278	224	237	235
Deaths at 80 years & upwards	68	90	77	66	61	55	70	65	51	60	48	51	46
Deaths from Smallpox - -	104	106	90	97	91	90	93	90	52	68	48	53	52
„ „ Measles - -	81	97	102	75	67	51	60	41	32	40	30	52	41
„ „ Scarlet Fever -	34	37	28	34	24	23	34	19	32	31	16	32	21
„ „ Diphtheria -	10	7	3	2	3	3	6	7	4	3	6	2	5
„ „ Whooping-cough	85	99	117	79	92	115	115	98	115	88	99	97	95
„ „ Typhus fever -	6	9	6	4	2	4	7	7	1	4	3	3	3
„ „ Enteric (or Typhoid) fever -	35	23	32	33	26	25	35	14	16	15	20	15	12
„ „ Simple Cont[d] fever	10	10	12	8	12	12	6	7	9	8	6	14	6
„ „ Diarrhœa - -	14	15	13	9	7	3	10	12	6	13	11	8	10
„ „ Simple Cholera -	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ Phthisis - -	179	224	182	164	160	162	171	194	162	160	141	168	155
„ „ Bronchitis - -	357	482	364	302	273	278	262	259	197	193	163	158	168
„ „ Pneumonia -	155	139	117	101	97	96	75	88	82	80	57	78	82
„ „ Heart Disease -	77	93	99	77	74	62	91	70	72	71	59	80	68
Mean Temperature of the Air	29·8°	39·9°	41·6°	43·0°	41·5°	40·3°	39·1°	42·0°	44·4°	46·6°	43·8°	44·9°	45·6°
Mean Temperature of the Water of the Thames -	36·0	34·3	37·7	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5
Humidity of the Air - -	81	90	92	89	84	90	89	92	85	87	86	85	86
Rain-fall in inches - -	0·04	0·10	0·51	0·56	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34	0·17

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 2d day of March 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 2d Mar. 1872.	DEATHS registered during the Week ending 2d Mar. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL Centigrade
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	4953	3649	59·0	29·0	44·3	6·84	0·66	1
LONDON	77,997	3,312,591	42·5	2054	1423	58·4	32·4	45·6	7·55	0·17	0
PORTSMOUTH	9,513	115,455	12·1	68	43	55·4	34·4	45·8	7·66	0·39	0
NORWICH	7,472	81,105	10·9	49	46	55·5	30·0	42·9	6·06	0·41	1
BRISTOL	4,688	186,423	39·8	132	91	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	63	49	54·0	35·3	44·3	6·84	0·21	0
BIRMINGHAM	7,831	350,164	44·7	249	152	55·0	36·2	44·8	7·11	0·48	1
LEICESTER	3,200	99,143	31·0	77	44	56·0	35·0	44·6	7·09	0·27	0
NOTTINGHAM	1,996	88,225	44·2	81	43	59·0	32·8	44·8	7·11	0·64	1
LIVERPOOL	5,108	499,897	97·9	361	264	53·7	35·0	44·4	6·89	0·63	1
MANCHESTER	4,486	352,759	78·6	240	195	55·2	37·0	44·9	7·17	1·32	3
SALFORD	5,172	127,923	24·7	83	68	54·2	36·1	44·7	7·06	1·16	2
OLDHAM	4,167	84,004	20·2	79	66	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	105	83	55·5	36·6	45·7	7·61	1·25	3
LEEDS	21,572	266,564	12·4	187	159	55·0	37·0	45·0	7·22	1·24	3
SHEFFIELD	22,830	247,847	10·9	153	117	56·0	31·0	44·0	6·67	0·68	1
HULL	3,562	124,976	35·1	74	55	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	84	73	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	112	57	52·0	36·0	42·6	5·89	1·13	2
EDINBURGH	4,427	205,146	46·3	116	140	52·0	31·0	40·0	4·44	0·30	0
GLASGOW	5,063	489,136	94·8	405	298	50·4	29·0	42·2	5·67	0·38	0
DUBLIN	9,745	310,565	31·9	181	183	58·0	32·0	46·8	8·22	0·53	1

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The populatio Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 2d day of March 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	25	3028	766	570	159	58	50	13	168	71	32	99	191
LONDON	22	1423	345	281	52	41	21	5	95	21	10	51	97
PORTSMOUTH	19	43	13	8	5	1	–	–	–	2	1	–	2
NORWICH	30	46	5	9	16	–	–	–	1	–	–	1	1
BRISTOL	25	91	28	8	8	1	–	2	2	4	–	4	7
WOLVERHAMPTON	37	49	16	9	8	–	–	–	4	2	–	–	–
BIRMINGHAM	23	152	40	22	5	1	1	4	5	5	1	7	15
LEICESTER	23	44	12	12	5	2	–	–	–	1	–	2	2
NOTTINGHAM	25	43	9	8	14	–	–	–	–	3	–	1	3
LIVERPOOL	28	264	68	68	–	1	8	–	15	9	4	10	13
MANCHESTER	29	195	56	31	–	1	2	–	17	5	8	4	13
SALFORD	28	68	14	10	–	1	3	–	5	1	–	1	8
OLDHAM	41	66	20	11	1	1	1	–	6	2	1	1	5
BRADFORD	29	83	26	10	–	–	3	–	4	4	–	–	–
LEEDS	31	159	40	31	6	5	–	–	10	2	6	5	10
SHEFFIELD	25	117	35	16	24	1	3	1	–	2	1	4	6
HULL	23	55	12	9	8	–	1	1	1	3	–	1	1
SUNDERLAND	38	73	15	11	3	1	7	–	–	2	–	6	6
NEWCASTLE-ON-TYNE	23	57	12	16	4	1	–	–	3	3	–	1	2
DUBLIN	31	183	32	40	37	1	4	–	1	9	2	2	2

Table 5.—Deaths in London Registered in the Ninth Week of the Year 1872.

USES OF DEATH.	Average in the Ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 2, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	°C 41·5	°C 45·6						
LL CAUSES – –	1486·7	1423	624	96	188	234	235	46
PECIFIED CAUSES	1475·9	1418	620	96	188	233	235	46
ZYMOTIC DISEASES.								
Order 1.								
mall-pox – – –	38·3	52	24	14	12	2	–	–
easles – – –	23·4	41	35	6	–	–	–	–
arlet Fever (Scarlatina)	49·5	21	15	5	1	–	–	–
phtheria – – –	10·0	5	2	–	1	2	–	–
inisy – – – –	1·2	–	–	–	–	–	–	–
oup – – – –	16·5	14	13	1	–	–	–	–
hooping-cough – –	63·0	95	91	4	–	–	–	–
yphus – – – }		3	–	1	1	1	–	–
nteric or Typhoid Fever }	51·9	12	3	3	4	2	–	–
mple continued Fever – }		6	3	1	1	1	–	–
ysipelas – – –	5·6	11	3	1	2	–	4	1
uerperal Fever (Metria)	5·5	6	–	1	5	–	–	–
rbuncle – – –	·8	1	–	–	1	–	–	–
fluenza – – –	1·5	1	–	–	–	1	–	–
ysentery – – –	1·1	1	–	–	–	1	–	–
arrhœa – – –	14·5	10	6	–	1	1	1	1
mple Cholera – –	·1	–	–	–	–	–	–	–
rue – – – –	·9	–	–	–	–	–	–	–
emittent Fever –	1·1	–	–	–	–	–	–	–
heumatism – –	8·6	7	–	1	4	1	1	–
her *Zymotic* Diseases –	·3	2	2	–	–	–	–	–
Order 2.								
philis – – – –	6·7	9	9	–	–	–	–	–
riсture of Urethra –	1·6	3	–	–	1	1	1	–
ydrophobia – – –	––	–	–	–	–	–	–	–
anders – – – –	·2	–	–	–	–	–	–	–
Order 3.								
rivation – – – –	1·1	–	–	–	–	–	–	–
ant of Breast-milk –	7·2	10	10	–	–	–	–	–
rpura and Scurvy –	1·8	1	–	–	–	1	–	–
leo- { *a* Del. Tremens –	1·5	1	–	–	1	–	–	–
ism } *b* Intemperance –	·7	1	–	–	–	1	–	–
Order 4.								
arush – – – –	2·0	–	–	–	–	–	–	–
orms, &c. – – –	·1	–	–	–	–	–	–	–
NSTITUTIONAL DIS.								
Order 1.								
out – – – –	1·4	1	–	–	–	–	–	1
ropsy – – – –	14·7	16	2	1	2	1	8	2
ncer – – – –	29·6	32	1	1	2	17	10	1
ncrum Oris (Noma) –	·4	–	–	–	–	–	–	–
ortification – –	3·6	4	–	–	–	–	2	2
Order 2.								
rofula – – –	8·8	10	6	3	–	1	–	–
bes Mesenterica –	17·7	15	11	3	1	–	–	–
thisis – – – –	164·6	155	16	14	70	41	14	–
ydrocephalus – –	33·0	27	23	4	–	–	–	–
LOCAL DISEASES.								
Order 1.								
phalitis – – –	15·5	21	17	3	–	–	1	–
mplexy – – –	38·0	49	6	3	5	19	14	2
raiysis – – –	31·8	21	–	–	2	8	11	–
sanity – – –	1·3	2	–	–	1	–	1	–
ocea – – – –	·4	–	–	–	–	–	–	–
ilepsy – – – –	6·1	9	1	1	1	4	2	–
nvulsions – – –	58·8	53	53	–	–	–	–	–
ain Disease, &c. –	20·3	13	2	1	2	5	3	–
Order 2.								
ricarditis – –	2·3	1	–	1	–	–	–	–
eurism – – –	2·9	1	–	–	1	–	–	–
eart Disease, &c. –	63·9	68	2	7	14	20	24	1
Order 3.								
ryngitis – – –	10·8	16	14	–	–	1	1	–
onchitis – – –	201·4	168	69	1	7	30	54	7
eurisy – – –	4·2	4	1	1	–	2	–	–
eumonia – – –	81·4	82	54	4	9	8	6	1
thma – – – –	12·2	14	–	–	1	5	8	–
ng Disease, &c. –	16·3	16	6	1	–	4	4	1
Order 4.								
stritis – – – –	2·2	–	–	–	–	–	–	–
teritis – – – –	5·6	4	1	–	–	1	2	–
ritonitis – – –	5·2	5	–	–	2	2	1	–
cites – – – –	2·6	4	–	–	1	–	3	–
ceration of Intestines –	2·3	–	–	–	–	–	–	–
rnia – – – –	3·3	3	–	–	2	–	1	–
us – – – –	2·5	–	–	–	–	–	–	–
tussusception – –	·9	2	2	–	–	–	–	–

CAUSES OF DEATH.	Average in the Ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 2, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	°C 41·5	°C 45·6						
9. Stricture of Intestines –	1·1	1	–	–	–	1	–	–
10. Fistula – – –	·6	2	–	–	1	–	1	–
11. *Stomach Disease, &c.* –	6·3	6	1	–	1	2	1	1
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	3·2	8	–	–	–	4	4	–
14. Jaundice – – –	4·2	4	2	–	–	2	–	–
15. *Liver Disease, &c.* –	18·4	20	1	1	5	7	6	–
16. *Spleen Disease, &c.* –	·5	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – –	1·4	3	1	–	–	2	–	–
2. Ischuria – – –	·1	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	12·2	11	–	–	5	4	2	–
4. Diabetes – – –	1·5	1	–	–	–	1	–	–
5. Calculus (Stone) –	1·0	2	1	–	–	–	1	–
6. Cystitis – – –	·8	1	–	–	–	–	1	–
7. *Kidney Disease, &c.* –	7·4	12	–	2	2	2	6	–
Order 6.								
1. Ovarian Dropsy –	·7	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·6	5	–	–	2	3	–	–
Order 7.								
1. Synovitis (Arthritis)	·2	1	–	–	–	1	–	–
2. *Joint Disease, &c.* –	4·5	4	1	2	1	–	–	–
Order 8.								
1. Phlegmon – – –	1·5	2	1	–	1	–	–	–
2. Ulcer – – – –	1·2	–	–	–	–	–	–	–
3. *Skin Disease, &c.* –	1·4	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth –	19·3	19	19	–	–	–	–	–
2. Cyanosis – – –	2·3	2	2	–	–	–	–	–
3. Spina Bifida – –	1·0	3	2	1	–	–	–	–
4. Other Malformations –	2·3	2	2	–	–	–	–	–
5. Teething – – –	20·6	17	17	–	–	–	–	–
Order 2.								
1. Paramenia – – –	––	1	–	–	–	1	–	–
2. Childbirth (*see* Puerperal Fever) – – – }	5·0	4	–	–	3	1	–	–
Order 3.								
1. Old Age – – – –	60·0	48	–	–	–	–	23	25
Order 4.								
1. Atrophy and Debility –	61·2	59	49	1	–	6	3	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	16·3	19	2	–	3	8	6	–
2. Wounds { Gunshot – / Cut, Stab – }	·6	–	–	–	–	–	–	–
3. Burns and Scalds –	8·7	4	1	–	–	1	2	–
4. Poison – – –	·5	–	–	–	–	–	–	–
5. Drowning – – –	2·5	8	–	2	5	1	–	–
6. Suffocation – –	11·6	9	9	–	–	–	–	–
7. Otherwise – –	1·8	3	3	–	–	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·3	4	3	–	–	–	1	–
Order 4. (Suicide.)								
1. Wounds { Gunshot – / Cut, Stab – }	·3 / ·9	1	–	–	–	1	–	–
2. Poison – – –	·7	1	–	–	–	1	–	–
3 Drowning – –	1·0	2	–	–	1	1	–	–
4. Hanging – – –	1·7	–	–	–	–	–	–	–
5. Otherwise – –	·4	–	–	–	–	–	–	–
Order 5. (Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	–	–	–	–	–	–	–
Sudden Death (Cause unascertained) – – – }	4·1	1	1	–	–	–	–	–
Causes not specified or ill-defined – – – }	6·7	4	3	–	–	1	–	–

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2054	1423	345	281	52	41	21	5	95	3	12	6	10	51	97
WEST DISTRICTS	561,189	291	208	53	44	–	8	1	–	12	1	2	2	4	1	6
NORTH DISTRICTS	751,668	460	330	71	76	19	12	3	2	19	1	3	2	1	8	20
CENTRAL DISTRICTS	333,887	198	159	44	15	4	4	1	–	13	–	–	–	2	9	14
EAST DISTRICTS	638,928	492	310	82	55	15	15	8	–	25	–	3	2	1	17	34
SOUTH DISTRICTS	966,132	613	416	95	91	14	2	8	3	26	1	4	–	2	16	23
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	35	30	13	6	–	–	–	–	2	–	–	–	1	–	2
St. John Paddington H	38082	6	13	4	1	–	–	–	–	1	–	–	–	–	–	–
Kensington Town *WL*	91583	45	28	7	6	–	1	–	–	2	–	1	–	–	–	–
Brompton H	28651	18	8	2	2	–	1	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6062	1	2	–	–	–	–	1	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	22	13	2	3	–	–	–	–	1	–	–	–	1	–	2
Fulham *WLLLL*	23378	24	13	4	2	–	3	–	–	–	–	–	–	–	–	–
Chelsea South HH	26419	20	11	2	4	–	2	–	–	1	–	–	1	1	–	–
Chelsea North-west H*Ww*	23278	17	10	–	2	–	–	–	–	1	–	–	–	–	–	–
Chelsea North-east L	21389	12	10	–	3	–	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	5	5	1	2	–	–	–	–	1	1	–	–	–	–	–
May Fair *W*	13020	4	3	–	2	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	27	11	3	4	–	–	–	–	–	–	–	–	–	–	–
St. John Westminster HHH	38470	23	11	4	1	–	–	–	–	1	–	–	–	–	–	–
St. Margaret Westminster *WW*1H	27640	10	14	4	4	–	–	–	–	–	–	–	–	1	1	2
St. James's Square	10453	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	5	10	3	1	–	1	–	–	2	–	–	–	–	–	–
Berwick-street	10279	2	3	1	–	–	–	–	–	–	–	–	1	–	–	–
St. Anne Soho HH	17555	12	11	3	1	–	–	–	–	–	–	1	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	17	19	5	3	–	–	–	–	–	–	–	–	–	1	2
Cavendish Square	15419	4	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	8	27	2	12	1	–	–	–	–	–	1	–	–	–	1
St. Mary Marylebone H	21795	24	3	–	2	–	–	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	19	12	5	1	–	1	–	1	–	1	–	1	–	1	1
St. John Marylebone	33110	16	14	3	1	1	2	–	–	1	–	–	–	–	3	3
Hampstead *W*HH	32271	6	17	4	4	3	3	–	–	2	–	–	–	–	–	–
Regent's Park Pancras	38192	24	19	8	4	–	–	–	–	1	–	–	–	–	1	5
Tottenham-court *w*H	29360	20	12	3	2	–	–	–	–	1	–	–	–	–	–	1
Gray's Inn Lane H	29216	12	7	2	1	–	–	–	–	1	–	–	–	–	–	1
Somers Town	38562	18	10	3	1	–	–	–	–	2	–	1	–	1	1	2
Camden Town *W*	18066	12	14	1	8	–	–	–	–	1	–	–	–	–	–	–
Kentish Town *W*	68198	57	25	7	6	1	–	1	–	2	–	–	–	–	–	–
Islington West *W*HHH	97801	59	38	9	8	1	–	–	–	4	–	–	–	–	–	–
Islington East *Www*	115948	68	43	8	11	2	2	–	1	2	–	–	1	–	–	–
Stoke Newington L	9810	6	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	6	4	–	2	–	1	–	–	–	–	–	–	–	–	–
West Hackney	28076	26	12	–	1	1	3	–	–	–	–	–	–	–	–	2
Hackney *Ww*HL	50087	34	39	6	7	9	–	1	–	2	–	1	–	–	1	2
South Hackney L	30305	24	9	4	–	–	–	1	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	5	8	3	3	–	–	1	–	–	–	–	–	–	1	1
St. Giles South *W*H	19089	28	14	4	1	–	1	–	–	–	–	–	–	–	–	3
St. Giles North	16497	8	6	2	–	–	–	–	–	1	–	–	–	–	–	–
Long Acre	11326	4	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross *W*H	9831	1	5	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	6	4	1	–	–	–	–	–	1	–	–	–	–	–	–
St. Clement Danes H	10711	5	5	2	1	–	–	–	–	–	–	–	–	–	–	–
St.George-the-Martyr HHH	20521	2	17	2	2	–	1	–	–	–	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	10	11	4	–	–	–	–	–	1	–	–	–	–	–	–
Saffron Hill	9051	8	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	12	6	–	1	–	–	–	–	–	–	–	–	2	–	1
Amwell Clerkenwell	16878	10	10	3	1	–	1	–	–	3	–	–	–	–	1	1
Pentonville	13293	4	2	1	–	–	–	–	–	1	–	–	–	–	–	–
Goswell-street	16220	15	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Old-street	12156	7	4	–	–	–	–	–	–	1	–	–	–	–	–	–
City-road *W*HHL	18291	22	14	3	2	1	–	–	–	2	–	–	–	–	1	1
Whitecross-street	13790	14	11	5	–	1	1	–	–	–	–	–	–	–	3	4
Finsbury	10732	8	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	5	7	2	1	–	–	–	–	2	–	–	–	–	–	–
Cripplegate	13639	4	7	2	1	1	–	–	–	1	–	–	–	–	2	2
St. Sepulchre H	7562	6	10	1	1	1	–	–	–	–	–	–	–	–	1	1
St. Bride *W*	11184	6	4	2	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	3	3	1	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, 2d March 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	11	9	1	4	–	1	1	–	1	–	–	–	1	–	–	–
onard Shoreditch HL†	16545	12	9	2	4	–	–	–	–	1	–	–	–	–	–	–	2
on New Town *w*	27832	23	10	2	2	–	1	1	–	–	–	–	–	–	–	–	2
on Old Town	26944	19	6	2	–	–	1	–	–	1	–	–	–	–	–	–	–
erstone West *W*	24153	13	12	4	1	1	–	–	–	2	–	–	–	–	–	–	2
erstone East	19257	18	12	2	1	–	–	1	–	1	–	–	–	–	–	–	–
ney-road	29808	29	19	5	1	–	3	3	–	1	–	–	–	–	1	–	–
, Bethnal Green *WHL*†	42443	31	26	9	6	1	–	1	–	1	–	–	–	–	6	11	7
h, Bethnal Green	26574	19	13	3	2	1	–	–	–	3	–	–	–	–	1	2	–
, Bethnal Green	21375	18	18	7	1	5	1	–	–	1	–	–	–	–	–	3	–
ery Whitechapel	6651	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fields	15844	14	10	4	3	–	–	–	–	2	–	–	–	–	–	–	–
End New Town *W*	15550	15	9	3	1	1	–	–	–	1	–	–	–	–	–	–	4
echapel North	11434	11	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
echapel Church H	7323	3	13	–	5	–	–	–	–	–	–	–	–	–	–	2	12
man's Fields	10381	11	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ate	9149	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
ary St. George East	17906	17	8	4	–	–	–	–	–	–	–	–	1	–	–	–	–
ul St. George East	21356	11	11	6	3	–	1	–	–	1	–	–	–	–	1	1	–
hn St. George East *W*	8973	3	7	–	4	–	–	–	–	–	–	–	–	–	1	1	6
well	11623	5	7	2	–	–	–	–	–	–	–	–	–	–	2	4	–
iff *WH*	15930	8	6	1	2	–	–	–	–	–	–	–	–	–	–	1	1
house *W*	30025	31	6	2	2	–	–	–	–	–	–	–	–	–	1	1	–
End Old Town West	38126	39	17	4	2	1	–	1	–	2	–	2	1	–	–	–	–
End Old Town East *WwH*	55020	38	17	3	3	1	1	–	–	2	–	–	–	–	1	1	1
WwwHL†	67777	51	34	8	4	2	2	–	–	3	–	–	–	–	2	3	9
r *W*	48500	32	28	7	4	2	3	–	–	2	–	1	–	–	2	3	1
SOUTH DISTRICTS.																	
tchurch Southwark *W*	14547	9	8	1	2	–	–	–	–	–	–	–	–	–	1	2	3
viour Southwark *H*	15667	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	1
-road	20430	18	11	4	–	1	–	–	–	2	–	–	–	–	–	–	–
ugh-road *WH*	16694	6	11	4	3	–	–	–	–	1	–	–	–	1	–	–	3
on-road *L*	18959	12	13	2	2	–	–	–	–	–	–	–	–	1	–	–	2
ty Newington	23673	13	11	2	4	–	–	–	–	2	–	–	–	–	1	1	–
eter Walworth *W*	48232	32	14	4	5	–	–	–	–	1	–	2	–	–	–	–	–
lary Newington *H*	16786	14	8	2	3	–	–	–	–	3	–	–	–	–	–	–	–
lave Southwark *H*	4157	2	10	–	–	–	–	–	–	–	–	–	–	–	2	–	7
ohn Horsleydown *W*	10595	9	8	2	2	–	–	–	–	–	–	–	–	–	–	–	3
her Market	16785	11	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
lary Magdalen *W*	15707	10	5	–	3	–	1	–	–	–	–	–	–	–	–	–	1
ames Bermondsey	47921	30	21	6	3	1	–	–	–	2	–	1	–	–	–	–	–
erhithe *W*	25873	18	10	2	2	–	–	–	–	–	–	–	–	–	1	1	–
erloo-road 1st *H*	14086	12	6	1	2	–	–	–	–	–	–	–	–	–	–	1	1
erloo-road 2nd *H*	18453	16	11	3	2	2	–	–	–	1	–	–	–	–	–	1	1
beth Church 1st	19470	11	15	4	2	–	–	–	–	–	–	–	–	–	2	2	9
beth Church 2nd *W*	35831	31	25	7	6	1	+	–	–	1	–	1	–	–	–	–	11
nington 1st *W*	41284	22	15	6	3	2	–	–	–	2	–	–	–	–	–	–	–
nington 2nd	31213	12	13	1	4	–	1	–	–	2	–	–	–	–	–	–	1
ton HL	35431	15	18	7	2	4	–	–	–	1	–	–	–	–	–	–	3
wood *W*	12534	6	4	1	2	–	–	–	–	–	–	–	–	–	–	–	–
ham HL	27348	19	8	1	2	1	–	–	1	–	–	–	–	–	–	–	–
ersea *W*	53988	45	13	5	2	1	–	1	–	1	–	–	–	–	1	2	3
dsworth HL	19797	13	8	1	3	–	–	–	–	–	–	–	–	–	–	–	2
ey	9438	4	2	–	1	–	–	–	–	–	–	–	–	–	–	1	–
atham	14479	8	5	1	1	–	–	–	–	–	–	–	–	–	1	1	–
vich	4041	2	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–
berwell *WL*†*L*†	31251	16	16	2	3	–	–	1	–	1	1	–	–	–	–	1	3
ham *W*	42159	24	19	3	2	–	–	4	–	1	–	–	–	–	1	1	–
George Camberwell	33851	21	11	2	2	–	–	1	–	2	–	–	–	–	–	–	–
ul Deptford	53696	38	15	3	1	–	1	–	1	1	–	–	–	–	–	–	–
icholas Deptford	6487	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
wich West	21098	17	9	–	5	–	–	–	–	–	–	–	–	–	1	1	–
nwich East *WH*	19320	10	21	2	8	–	–	–	1	–	–	–	–	–	3	4	13
am	4528	3	3	–	1	–	–	–	–	–	–	–	–	–	1	1	–
	16430	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	11508	4	4	1	1	–	–	–	–	–	–	–	–	–	–	–	1
nham	19016	13	8	4	1	–	–	–	–	–	–	–	–	–	–	1	–
lton *H*	9503	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
lwich Dockyard	17229	15	7	–	2	–	–	–	–	–	–	–	–	–	–	–	–
lwich Arsenal *H*	18319	15	5	2	2	–	–	–	–	1	–	–	–	–	1	1	–
astead, West	13028	4	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
astead, East *W*	15290	15	6	3	–	1	–	–	–	–	–	–	–	–	–	1	–

Following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2d MARCH, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	25	..	29·346	56·1	42·1	14·0	47·7	44·6	68·2	36·0	44·4	42·4	3·1	10·6	1·1	+ 8·1	89	SW.	WSW.&SW	1·8	0·0	0·2	330	0·05	..
MONDAY . .	26	..	29·484	50·2	36·5	13·7	43·1	40·4	90·2	34·1	45·0	43·3	2·7	6·1	0·0	+ 3·3	90	S, E, & NE.	NNE.	3·3	0·0	0·4	319	0·01	..
TUESDAY .	27	In Equator	30·009	46·5	34·5	12·0	39·2	31·5	103·3	24·2	45·4	43·3	7·7	11·0	3·7	— 0·7	74	NNE.	NE. & Calm.	1·1	0·0	0·1	169	0·00	..
WEDNESDAY	28	..	29·907	46·2	32·4	13·8	39·0	32·3	73·1	28·0	45·4	43·2	6·7	12·6	4·3	— 1·1	77	Calm	SW. & SSW.	1·4	0·0	0·1	276	0·00	..
THURSDAY.	29	..	29·549	53·6	36·1	17·5	47·0	45·3	59·5	31·0	45·4	43·3	1·7	5·2	2·0	+ 6·9	94	S. & SW.	SW.	18·6	0·1	1·5	623	0·01	..
MARCH.																		SSW. & SW.							
FRIDAY . .	1	..	29·594	57·1	49·0	8·1	52·1	47·7	74·5	46·7	46·4	44·0	4·4	9·4	0·0	+11·9	85	WSW.	W.	6·8	0·0	0·7	429	0·10	..
SATURDAY.	2	Last Qr.	29·975	58·4	46·1	12·3	51·2	48·2	83·5	36·4	46·8	44·4	3·0	8·3	1·2	+11·0	90	WSW. & SSW.	SSW. & SW.	1·2	0·0	0·1	214	0·00	..
MEANS . .		..	29·695	52·6	39·5	13·1	45·6	41·4	78·9	33·8	45·5	43·4	4·2	9·1	1·8	+ 5·6	86	SW.		..	..	..	Sum 2360	Sum 0·17	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
FEBRUARY.			
SUNDAY .	25	Strong positive at night.	Cloudy, and rain fell in the morning. The clouds broke about noon, and the amount gradually became less till night. Generally cloudless after 8h. P.M.
MONDAY .	26	Positive, with variable tension.	Generally cloudy. Thin rain fell occasionally.
TUESDAY .	27	Strong positive in the morning and at night; weak positive at other times.	The amount of cloud variable; at times very fine. A cloudless but misty night.
WEDNESDAY	28	Weak positive generally.	Slight fog in morning; overcast till noon. The clouds varied in the afternoon and evening. Generally fine.
THURSDAY .	29	Insulating lamp not burning.	Rain fell in the morning, and occasionally afterwards. Generally overcast till the evening; then variable. Very windy.
MARCH.			
FRIDAY .	1	Weak negative in the afternoon, changing to weak positive at night.	Rain fell in the early morning, and again at night. Generally overcast; but at about 1h. P.M. the clouds broke for a few moments.
SATURDAY .	2	Positive, with weak tension throughout.	Generally overcast throughout. A little thin rain fell in the afternoon.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·41 in. at the beginning of the week to 29·33 in. by 9h. A.M. on the 25th; increased to 30·04 in. by 9h. P.M. on the 27th of February; decreased to 29·47 in. by 9h. A.M. on the 1st of March; and was 30·04 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
11th March 1872.

United Kingdom.

During the week ending Saturday the 9th instant, 5840 *births* and 3727 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 36 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 37 ; the fatal cases of small-pox in Dublin, which in the two previous weeks had been 33 and 37, further rose last week to 41.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 25 per 1000 ; Portsmouth 20, Norwich 30, Bristol 20, Wolverhampton 26, Birmingham 19, Leicester 22, Nottingham 24, Liverpool 28, Manchester 28, Salford 28, Oldham 29, Bradford 24, Leeds 29, Sheffield 25, Hull 27, Sunderland 33, and Newcastle-upon-Tyne 27. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 201, 176, and 159, further declined last week to 150 ; of these, 49 occurred in London, 24 in Sheffield, 18 in Norwich, 9 in Birmingham, 8 in Hull, 7 in Leicester, 6 in Leeds, and 5 each in Bristol and Liverpool. Oldham was the only one of the eighteen towns in which no death from small-pox was returned last week. The annual death-rate from this disease was equal to 12 per 1000 persons living in Norwich, 5 in Sheffield, 4 in Leicester, 3 each in Hull and Wolverhampton, 2 in Nottingham, and to one each in Portsmouth, Bristol, Birmingham, Leeds, and Newcastle-upon-Tyne.

London.

In London 2568 births and 1565 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 177, while the deaths were 113 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 23 and 22, rose last week to 25. The rate was 24 in the West, 25 in the North, 26 in the Central, 26 in the East, and 24 in the South Districts.

The 1565 deaths included 49 from small-pox, 52 from measles, 29 from scarlet fever, 8 from diphtheria, 111 from whooping-cough, 24 from different forms of fever (of which 5 were certified as typhus, 10 as enteric or typhoid, and 9 as simple continued fever), and 12 from diarrhœa ; thus to the seven principal diseases of the zymotic class 285 deaths were referred, against 276 and 245 in the two preceding weeks. While the deaths from small-pox showed a slight further decline, the numbers referred to each of the other zymotic diseases had increased. Measles showed prevalence in Marylebone, Islington, Hackney, and Poplar. Five deaths from scarlet fever were returned in Peckham sub-district. From whooping-cough 17 deaths resulted in Islington, 5 in Mile End Old Town East, and 4 each in St. Giles South and Hoxton New Town sub-districts. Three fatal cases of enteric fever occurred in St. Peter Walworth.

The deaths from small-pox, which in the two previous weeks had been 53 and 52, declined last week to 49. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 17 fatal cases were recorded, against 24 and 14 in the two preceding weeks. Out of those institutions, four deaths were referred to this disease in Bow, and three each in St. Sepulchre (City) and St. Paul (Hammersmith) sub-districts.

The mean temperature showed a considerable excess on each day of the week, and averaged 48°·7, or 8°·5 above the average for the corresponding week in fifty years. On Tuesday the mean was 50°·3, and 10°·2 above the average. During the 88 days ending last Saturday the daily mean temperature has shown an average excess of 5°·2.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 452 and 455, rose to 500 last week; these, however, were 65 below the corrected average number in the corresponding week of the last ten years.

To different forms of violence 63 deaths were referred; of these, 51 were the result of negligence or accident, including 19 from fractures and contusions, 9 from burns and scalds, 6 from drowning, and 14 from suffocation, of which 11 were of infants under one year of age. Seven cases of suicide and one of murder, were registered during the week.

Two of the deaths from fractures and contusions, referred to negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished to the Registrar General by the Commissioners of the Metropolitan and City Police, that 56 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 10th instant, in addition to the two above mentioned fatal cases; of these, 8 occurred in the City, and 48 in the Metropolitan Police Districts.

During the week 119 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 84 and 97 in the two preceding weeks; these showed a proportion of nearly 8 per cent. upon the total deaths.

In the large Public Institutions 264 deaths were recorded, or 17 per cent. of the total deaths; of these 147 occurred in Workhouses and 106 in Hospitals.

Foreign Cities.

In Paris 842 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 88 deaths occurred in the week ending the 2d instant, and the annual death-rate was 25 per 1000. In Berlin during the week ending 7th, 479 deaths were recorded, showing an annual rate of 30 per 1000; the 55 deaths referred to small-pox corresponded with the number in each of the two preceding weeks. In Vienna the 391 deaths in the week ending the 2d gave an annual rate of 33 per 1000. In Rome 178 deaths were registered in the week ending the 25th ultimo, and the annual death-rate was 38 per 1000; 30 deaths were referred to small-pox (equal to an annual rate of 6 per 1000), against 36 and 27 in the two previous weeks.

In the City of New York 561 deaths were registered in the week ending 17th February, including 25 from small-pox, and the equivalent annual rate of mortality was 31 per 1000.

In Bombay the deaths registered during the week ending the 13th ultimo were 361, and the mortality was at the annual rate of 23 per 1000. In Madras the 251 deaths in the week ending 19th January showed an annual death-rate equal to 31 per 1000 of the population. In Calcutta 197 deaths were returned in the week ending 3d February, and the death-rate calculated upon the 1867 population (430,000) was equal to 24 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·73 in.; the highest reading was 30·14 in. on Sunday evening, and the lowest 29·23 in. on Thursday afternoon. The mean temperature of the *air* was 48°·7, or 8°·5 above the mean of the corresponding week in the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory; the mean was considerably above the average on each day of the week; on Tuesday it was so high as 50°·3, and showed an excess of 10°·2. The highest day temperature in the shade was 60°·8 on Thursday, and the lowest night temperature 35°·8 on Saturday; the entire range of temperature in the week was, therefore, 25°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 116°·9 on Monday. The difference between the mean *dew-point* temperature and *air* temperature averaged 5°·6. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 47°·7. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100. The general direction of the *wind* was S.S.E. and S.S.W., and the horizontal movement of the air averaged 10 miles per hour. *Rain* fell on Sunday and Friday, to the amount of ·07 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 45°·5 in Newcastle, to 49°·9 in Manchester; the lowest recorded night temperature was 32°·0 in Sheffield, and the highest day temperature in the shade 65°·5 in Bradford. No rain fell last week in Portsmouth, Norwich, Leicester, or Newcastle; the amounts measured in the other towns varied from ·01 of an inch in Sheffield, to ·14 in Birmingham.

In Centigrade degrees the mean temperature of the air at Greenwich was 9°·3, or 4°·7 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 16°·0, the lowest night temperature 2°·1, and the highest temperature in the sun 47°·2. The wind blew at the rate of 16 kilometres an hour, and the rain-fall measured ·18 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 234,315 cubic metres, and at Barking 250,922 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	2027	1832	1962	2226	2272	2153	2269	2240	2498	2261	2174·0	2568
Males . .	1016	957	1013	1151	1157	1109	1187	1134	1270	1141	1113·5	1309
Females .	1011	875	949	1075	1115	1044	1082	1106	1228	1120	1060·5	1259
TOTAL **Deaths**	1505	1370	1664	1508	1829	1425	1331	1519	1499	1601	1525·1	1565
Males . .	799	699	852	770	935	734	686	775	770	835	785·5	811
Females .	706	671	812	738	894	691	645	744	729	766	739·6	754

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Dec. 16.	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.
TOTAL **Deaths** - - -	2121	1943	1686	1619	1632	1628	1602	1423	1524	1320	1488	1423	1565
Deaths under 5 years of age -	865	813	701	684	663	652	647	571	634	581	634	624	666
Deaths 5—20 - - -	133	119	122	103	110	114	113	88	102	91	92	96	123
Deaths 20—40 - - -	272	254	224	225	215	227	242	201	220	157	213	188	228
Deaths 40—60 - - -	352	319	281	266	283	264	253	241	230	219	261	234	244
Deaths 60—80 - - -	409	361	292	280	306	301	282	271	278	224	237	235	242
Deaths at 80 years & upwards	90	77	66	61	55	70	65	51	60	48	51	46	62
Deaths from Small-pox - -	106	90	97	91	90	93	90	52	68	48	53	52	49
„ „ Measles - -	97	102	75	67	51	60	41	32	40	30	52	41	52
„ „ Scarlet Fever -	37	28	34	24	23	34	19	32	31	16	32	21	29
„ „ Diphtheria -	7	3	2	3	3	6	7	4	3	6	2	5	8
„ „ Whooping-cough	99	117	79	92	115	115	98	115	88	99	97	95	111
„ „ Typhus fever -	9	6	4	2	4	7	7	1	4	3	3	3	5
„ „ Enteric (or Typhoid) fever -	23	32	33	26	25	35	14	16	15	20	15	12	10
„ „ SimpleContᵈfever	10	12	8	12	12	6	7	9	8	6	14	6	9
„ „ Diarrhœa - -	15	13	9	7	3	10	12	6	13	11	8	10	12
„ „ Simple Cholera -	—	—	—	—	—	—	—	—	—	—	—	—	1
„ „ Phthisis - -	224	182	164	160	162	171	194	162	160	141	168	155	174
„ „ Bronchitis - -	482	364	302	273	278	262	259	197	193	163	158	168	181
„ „ Pneumonia -	139	117	101	97	96	75	88	82	80	57	78	82	107
„ „ Heart Disease -	93	99	77	74	62	91	70	72	71	59	80	68	75
Mean Temperature of the Air	39·9°	41·6°	43·0°	41·5°	40·3°	39·1°	42·0°	44·4°	46·6°	43·8°	44·9°	45·6°	48·7°
Mean Temperature of the Water of the Thames -	34·3	37·7	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7
Humidity of the Air - -	90	92	89	84	90	89	92	85	87	86	85	86	80
Rain-fall in inches - -	0·10	0·51	0·56	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34	0·17	0·07

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S. :—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday, th 9th day of March 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 9th Mar. 1872.	DEATHS registered during the Week ending 9th Mar. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5840	3727	65·5	26·5	48·1	8·94	0·04	
LONDON	77,997	3,312,591	42·5	2568	1565	60·8	35·8	48·7	9·28	0·07	
PORTSMOUTH	9,513	115,455	12·1	73	45	56·4	39·0	47·2	8·44	0·00	
NORWICH	7,472	81,105	10·9	63	47	57·5	37·0	47·0	8·33	0·00	
BRISTOL	4,688	186,428	39·8	145	71	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	59	35	58·8	38·0	48·1	8·94	0·02	
BIRMINGHAM	7,831	350,164	44·7	279	130	60·0	36·6	47·9	8·83	0·14	
LEICESTER	3,200	99,143	31·0	110	41	60·0	36·7	48·7	9·28	0·00	
NOTTINGHAM	1,996	88,225	44·2	61	40	60·9	33·9	48·7	9·28	0·10	
LIVERPOOL	5,108	499,897	97·9	383	265	59·3	39·0	48·5	9·16	0·03	
MANCHESTER	4,486	352,759	78·6	292	190	62·0	41·0	49·9	9·94	0·03	
SALFORD	5,172	127,923	24·7	127	68	62·3	40·0	49·4	9·66	0·04	
OLDHAM	4,167	84,004	20·2	63	47	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	126	70	65·5	36·5	49·3	9·61	0·09	
LEEDS	21,572	266,564	12·4	260	150	61·0	34·0	48·0	8·89	0·05	
SHEFFIELD	22,830	247,847	10·9	221	117	60·2	32·0	47·4	8·55	0·01	
HULL	3,562	124,976	35·1	88	64	—	—	—	—	—	
SUNDERLAND	3,306	100,665	30·4	114	64	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	113	67	56·0	34·0	45·5	7·50	0·00	
EDINBURGH	4,427	205,146	46·3	128	140	62·0	34·0	47·7	8·72	0·00	
GLASGOW	5,063	489,136	94·8	404	291	—	—	—	—	—	
DUBLIN	9,745	310,565	31·9	163	220	60·2	26·5	48·0	8·89	0·05	

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 b addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The populati Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 9th day of March 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	25	3076	752	557	150	75	59	11	176	55	37	123	223
LONDON	25	1565	347	304	49	52	29	8	111	24	12	63	119
PORTSMOUTH	20	45	8	14	3	1	–	–	–	–	1	1	2
NORWICH	30	47	12	9	18	–	–	–	–	2	–	3	4
BRISTOL	20	71	11	11	5	4	1	–	6	–	3	4	5
WOLVERHAMPTON	26	35	7	5	4	–	1	–	1	2	–	4	4
BIRMINGHAM	19	130	46	22	9	–	1	2	3	1	3	6	16
LEICESTER	22	41	9	12	7	–	–	–	–	–	–	1	3
NOTTINGHAM	24	40	7	9	3	–	–	–	1	3	–	3	3
LIVERPOOL	28	265	72	64	5	3	3	1	14	7	1	14	22
MANCHESTER	28	190	49	30	3	2	8	–	10	3	6	7	18
SALFORD	28	68	21	2	1	–	2	–	10	2	2	–	3
OLDHAM	29	47	19	6	–	3	3	–	1	1	–	–	3
BRADFORD	24	70	23	11	1	–	–	–	4	–	–	2	2
LEEDS	29	150	41	20	6	6	–	–	6	4	3	3	6
SHEFFIELD	25	117	33	9	24	1	2	–	3	2	2	3	3
HULL	27	64	18	9	8	–	1	–	2	1	1	2	2
SUNDERLAND	33	64	18	8	1	3	7	–	1	1	1	4	4
NEWCASTLE-ON-TYNE	27	67	11	12	3	–	1	–	3	2	2	3	4
DUBLIN	37	220	40	37	41	4	3	–	1	6	1	4	6

TABLE 5.—DEATHS IN LONDON Registered in the TENTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Tenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 9, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	40°5	48°7						
ALL CAUSES – –	1525·1	1565	666	123	228	244	242	62
SPECIFIED CAUSES	1506·2	1557	663	122	228	244	240	60
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	34·6	49	15	16	12	6	–	–
Measles – – – –	27·8	52	48	4	–	–	–	–
Scarlet Fever (Scarlatina)	45·2	29	15	11	3	–	–	–
Diphtheria – – –	9·1	8	4	2	2	–	–	–
Quinsy – – –	1·2	2	–	–	2	–	–	–
Croup – – –	16·1	16	15	1	–	–	–	–
Whooping-cough – –	66·9	111	105	6	3	1	–	–
Typhus – – – }		5	–	3	1	1	–	–
Enteric or Typhoid Fever }	56·9	10	2	3	4	1	–	–
Simple continued Fever }		9	1	2	3	1	2	–
Erysipelas – –	7·7	5	1	–	1	2	1	–
Puerperal Fever (Metria)	2·3	6	–	–	5	1	–	–
Carbuncle – – –	1·4	2	–	–	2	–	–	–
Influenza – – –	·8	1	–	–	–	–	1	–
Diarrhœa – – –	2·0	6	1	–	2	2	1	–
Simple Cholera – –	·2	1	1	–	–	–	4	2
Ague – – – –	·2	–	–	–	–	–	–	–
Remittent Fever – –	·8	–	–	–	–	–	–	–
Rheumatism – – –	7·1	8	–	1	3	3	1	–
Other *Zymotic* Diseases –	·1	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – –	8·8	6	6	–	–	–	–	–
Stricture of Urethra –	1·7	3	–	–	–	3	–	–
Hydrophobia – – –	–·1	–	–	–	–	–	–	–
Glanders – – – –	·1	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	1·0	–	–	–	–	–	–	–
Want of Breast-milk –	7·6	7	7	–	–	–	–	–
Purpura and Scurvy –	2·5	3	2	–	1	–	–	–
Alcoholism { *a* Del. Tremens	2·1	2	–	–	1	1	–	–
Alcoholism { *b* Intemperance –	2·1	2	–	–	–	1	1	–
ORDER 4.								
Thrush – – – –	2·6	2	2	–	–	–	–	–
Worms, &c. – – –	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·0	6	–	–	–	2	4	–
Dropsy – – – –	15·3	16	2	–	–	5	7	2
Cancer – – – –	27·7	23	–	–	2	12	7	2
Cancrum Oris (Noma) –	·3	–	–	–	–	–	–	–
Mortification – – –	3·9	1	–	–	–	–	1	–
ORDER 2.								
Scrofula – – – –	8·2	16	10	4	1	–	1	–
Tabes Mesenterica – –	18·8	15	14	–	–	–	1	–
Phthisis – – – –	182·6	174	7	22	91	46	8	–
Hydrocephalus – –	30·9	35	30	4	1	–	–	–
III. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	14·8	23	16	4	–	2	1	–
Apoplexy – – – –	40·3	50	7	–	4	14	20	5
Paralysis – – – –	26·5	28	–	–	1	9	17	1
Insanity – – – –	2·1	5	–	–	3	2	–	–
Chorea – – – –	·3	–	–	–	–	–	–	–
Epilepsy – – – –	8·0	6	1	1	3	1	–	–
Convulsions – – –	59·8	67	67	–	–	–	–	–
Brain Disease, &c. – –	18·0	20	1	4	4	3	6	2
ORDER 2.								
Pericarditis – – –	1·9	3	–	1	2	–	–	–
Aneurism – – – –	3·5	–	–	–	–	–	–	–
Heart Disease, &c. – –	68·7	75	2	6	15	19	32	1
ORDER 3.								
Laryngitis – – –	13·0	10	10	–	–	–	–	–
Bronchitis – – –	201·1	181	74	3	3	34	54	13
Pleurisy – – – –	2·4	5	–	–	3	–	2	–
Pneumonia – – –	84·9	107	74	6	8	14	3	2
Asthma – – – –	14·2	10	–	–	1	5	4	–
Lung Disease, &c. – –	15·8	13	3	1	3	4	2	–
ORDER 4.								
Gastritis – – – –	1·6	2	–	–	–	–	2	–
Enteritis – – – –	5·7	6	4	1	1	–	–	–
Peritonitis – – –	5·3	6	1	–	3	2	–	–
Ascites – – – –	1·9	2	1	–	–	–	1	–
Ulceration of Intestines –	3·8	4	–	–	2	2	–	–
Hernia – – – –	3·8	2	–	–	–	1	1	–
Ileus – – – –	2·8	5	1	1	–	1	2	–
Intussusception – –	1·1	1	–	–	–	–	1	–
Stricture of Intestines –	·8	2	–	–	1	–	1	–
Fistula – – – –	·6	1	–	–	–	1	–	–
Stomach Disease, &c. –	6·7	6	1	–	1	2	1	1
Pancreas Disease, &c. –	–·	–	–	–	–	–	–	–
Hepatitis – – – –	3·8	4	–	–	2	1	1	–
Jaundice – – – –	3·6	8	4	1	1	–	2	–
Liver Disease, &c. – –	15·6	15	2	–	4	4	4	1
Spleen Disease, &c. – –	·2	–	–	–	–	–	–	–
ORDER 5.								
Nephritis – – – –	1·1	2	–	–	–	1	1	–
Ischuria – – – –	·3	–	–	–	–	–	–	–
Bright's Disease (Nephria)	9·8	8	–	–	1	5	2	–
Diabetes – – – –	1·6	4	–	1	2	1	–	–
Calculus (Stone) – –	1·9	1	1	–	–	–	–	–
Cystitis – – – –	1·5	2	–	–	–	–	1	1
Kidney Disease, &c. – –	8·4	14	–	–	3	7	4	–
ORDER 6.								
Ovarian Dropsy – –	·7	–	–	–	–	–	–	–
Uterus Disease, &c. – –	5·4	5	–	2	–	3	–	–
ORDER 7.								
Synovitis (Arthritis) –	·2	2	–	1	–	1	–	–
Joint Disease, &c. – –	4·4	6	1	2	–	1	2	–
ORDER 8.								
Phlegmon – – –	2·0	1	–	–	–	1	–	–
Ulcer – – – –	1·0	2	–	–	–	–	2	–
Skin Disease, &c. – –	1·7	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
Premature Birth – –	20·7	17	17	–	–	–	–	–
Cyanosis – – – –	2·4	1	1	–	–	–	–	–
Spina Bifida – – –	·7	3	3	–	–	–	–	–
Other Malformations –	2·0	2	2	–	–	–	–	–
Teething – – – –	21·3	12	12	–	–	–	–	–
ORDER 2.								
Paramenia – – –	·2	–	–	–	–	–	–	–
Childbirth (*see* Puerperal Fever) – – – –	4·0	1	–	–	1	–	–	–
ORDER 3.								
Old Age – – – –	63·9	51	–	–	–	–	26	25
ORDER 4.								
Atrophy and Debility –	57·0	49	43	1	–	4	1	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
Fractures and Contusions	15·6	19	2	3	5	5	2	2
Wounds { Gunshot –	·3	–	–	–	–	–	–	–
Wounds { Cut, Stab –		3	–	1	1	1	–	–
Burns and Scalds – –	8·9	9	5	1	2	1	–	–
Poison – – –	1·1	–	–	–	–	–	–	–
Drowning – – –	4·3	6	–	1	2	2	1	–
Suffocation – – –	9·2	14	11	–	2	1	–	–
Otherwise – – –	1·6	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
Murder and Manslaughter	2·6	1	–	–	–	1	–	–
ORDER 4. (SUICIDE.)								
Wounds { Gunshot –	·3	2	–	–	1	1	–	–
Wounds { Cut, Stab –	1·3	–	–	–	–	–	–	–
Poison – – –	1·0	3	–	–	3	–	–	–
Drowning – – –	·7	2	–	–	2	–	–	–
Hanging – – –	1·6	–	–	–	–	–	–	–
Otherwise – – –	·6	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	4	1	1	1	–	1	–
Sudden Deaths (Cause unascertained) – –	4·2	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	14·7	8	3	1	–	–	2	2

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	(In Public Insti
LONDON	3,251,804	2568	1565	347	304	49	52	29	8	111	5	10	9	12	63	119	2
WEST DISTRICTS	561,189	402	262	57	65	6	5	2	1	17	-	2	5	2	10	28	3
NORTH DISTRICTS	751,668	590	363	75	66	21	22	8	6	31	2	1	-	2	12	20	5
CENTRAL DISTRICTS	333,887	254	165	40	21	6	8	2	1	11	-	-	2	1	15	19	3
EAST DISTRICTS	638,928	537	319	64	60	10	14	5	-	25	2	-	-	4	13	25	6
SOUTH DISTRICTS	966,132	785	456	111	92	6	3	12	-	27	1	7	2	3	13	27	7
WEST DISTRICTS.																	
St. Mary Paddington WH	58702	64	22	4	9	1	-	-	-	3	-	-	-	-	-	-	
St. John Paddington H	38082	15	9	2	-	-	-	-	-	-	-	-	-	-	-	-	
Kensington Town WL	91583	65	45	12	11	2	-	-	-	2	-	-	-	-	4	16	
Brompton H	28651	20	12	4	1	-	1	-	-	-	-	-	-	-	1	1	
St. Peter Hammersmith	6662	6	4	-	2	-	-	1	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H	36030	24	16	4	-	3	1	1	-	-	-	-	-	2	-	-	
Fulham WLLLL	23378	14	6	1	-	-	1	-	-	-	-	-	1	-	-	-	
Chelsea South HH	26419	20	14	4	4	-	1	-	-	1	-	-	-	-	1	3	
Chelsea North-west HWw	23278	16	25	4	12	-	-	-	-	2	-	1	2	-	-	-	
Chelsea North-east L	21389	8	8	1	-	-	-	-	-	1	-	-	-	-	-	-	
Hanover Square	18700	10	11	2	5	-	-	-	-	-	-	-	-	-	2	2	
May Fair W	13020	4	5	2	1	-	-	-	-	1	-	-	-	-	-	-	
Belgrave HH	58043	43	38	7	12	-	-	-	1	-	-	-	1	-	2	3	
St. John Westminster HHH	38470	34	23	5	3	-	1	-	-	2	-	1	1	-	-	2	
St. Margaret Westminster WWHH	27640	17	8	1	3	-	-	-	-	1	-	-	-	-	-	-	
St. James's Square	10453	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Golden Square W	12855	15	3	-	2	-	-	-	-	1	-	-	-	-	-	-	
Berwick-street	10279	10	5	2	-	-	-	-	-	1	-	-	-	-	-	1	
St. Anne Soho HH	17555	10	7	2	-	-	-	-	-	2	-	-	-	-	-	-	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	20	22	4	4	-	-	-	2	1	-	-	-	-	3	4	
Cavendish Square	15419	5	3	-	-	-	2	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH	26387	15	27	6	6	-	3	-	-	2	-	-	-	-	-	-	1
St. Mary Marylebone H	21795	31	2	1	-	-	-	-	1	-	-	-	-	-	-	-	
Christchurch Marylebone	33892	29	13	3	1	-	3	-	-	1	-	-	-	-	-	-	
St. John Marylebone	33110	26	19	3	3	1	-	-	-	1	-	-	-	-	-	-	
Hampstead WHH	32271	16	31	3	3	11	2	1	-	2	-	-	-	-	-	-	1
Regent's Park Pancras	38192	21	19	-	3	-	-	2	1	1	-	-	-	-	-	-	
Tottenham-court wH	29360	20	18	5	3	-	-	2	-	-	-	-	-	-	3	3	
Gray's Inn Lane H	29216	13	10	4	2	-	-	-	-	1	-	-	-	-	-	-	
Somers Town	38562	35	14	3	3	-	1	-	-	-	-	-	-	-	1	2	
Camden Town W	18066	27	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
Kentish Town W	68193	71	29	6	4	-	-	-	-	3	-	-	-	-	-	-	
Islington West WHHH	97801	85	32	6	5	-	2	-	1	6	-	1	-	1	-	1	
Islington East Www	115948	106	58	16	13	-	3	1	1	9	1	-	-	1	-	3	
Stoke Newington L	9810	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill	6599	1	1	1	-	-	-	-	-	-	-	-	-	-	1	1	
West Hackney	28076	19	16	-	1	2	4	1	-	-	1	-	-	-	-	-	
Hackney WwHL	50087	35	29	8	4	7	2	-	-	2	-	-	-	-	3	5	1
South Hackney L	30305	13	12	3	3	-	-	1	-	-	-	-	-	-	1	1	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	11	3	-	-	-	2	-	-	-	-	-	-	-	-	-	
St. Giles South WH	19089	30	15	6	-	-	3	-	-	4	-	-	-	-	-	-	
St. Giles North	16497	14	8	6	1	-	-	-	-	-	-	-	-	1	1	1	
Long Acre	11826	10	7	1	3	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross WH	9831	8	7	1	3	-	-	-	-	-	-	-	-	-	2	2	
St. Mary-le-Strand	9376	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H	10711	3	14	4	-	-	-	-	-	1	-	-	-	-	3	4	
St. George-the-Martyr HHH	20521	14	12	4	1	-	-	-	-	1	-	-	-	-	-	-	
St. Andrew East Holborn W	13528	8	13	2	1	-	1	-	-	-	-	-	-	-	-	-	
Saffron Hill	9051	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. James Clerkenwell W	18919	13	5	1	1	1	-	-	-	1	-	-	-	-	-	-	
Amwell Clerkenwell	16878	12	6	3	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville	13293	21	7	1	3	-	-	-	-	-	-	-	-	-	-	1	
Goswell-street	16220	22	5	3	1	-	-	-	-	2	-	-	-	-	-	-	
Old-street	12156	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road WHHL	18291	18	7	3	-	-	-	-	-	1	-	-	-	-	1	1	
Whitecross-street	13790	8	6	-	1	1	-	-	-	-	-	-	-	-	2	1	
Finsbury	10732	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London HH	14484	12	7	3	1	-	1	-	-	-	-	-	1	-	1	1	
Cripplegate	13639	4	2	1	1	-	-	-	-	-	-	-	1	-	1	1	
St. Sepulchre H	7562	3	21	1	-	3	-	2	1	1	-	-	-	-	2	4	1
St. Bride W	11184	4	4	-	-	1	1	-	-	-	-	-	-	-	1	1	
Castle Baynard	4389	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6308	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4744	3	2	-	1	-	-	-	-	-	-	-	-	-	1	-	
Allhallows Barking	5694	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Broad Street	7838	5	2	-	1	-	-	-	-	-	-	-	-	-	-	1	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 9th March 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
gwell Shoreditch	12429	8	5	–	–	1	–	1	–	1	–	–	–	1	–	–	–
Leonard Shoreditch HL†	16545	13	7	–	3	–	–	–	–	1	–	–	–	–	–	–	–
kton New Town *w*	27832	28	21	3	6	–	–	1	–	4	–	–	–	–	1	3	3
kton Old Town	26944	17	10	3	1	–	–	–	–	1	–	–	–	–	–	–	–
ggerstone West *W*	24153	26	20	3	4	–	–	–	–	1	–	–	–	–	–	–	8
ggerstone East	19257	13	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
kney-road	29808	20	11	3	–	1	–	1	–	–	1	–	–	–	–	–	–
en, Bethnal Green *WHL*†	42443	37	21	–	6	1	–	–	–	–	–	–	–	1	–	–	12
rch, Bethnal Green	26574	21	12	4	1	1	–	–	–	3	–	–	–	–	–	–	–
n, Bethnal Green	21375	14	11	1	–	–	3	1	–	1	–	–	–	–	–	–	–
illery Whitechapel	6651	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
alfields	15844	11	5	1	1	–	–	–	–	–	–	–	–	–	–	1	–
e End New Town *W*	15550	18	11	3	2	–	–	–	–	1	–	–	–	–	–	3	6
itechapel North	11434	11	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
itechapel Church H	7323	9	13	2	1	–	–	–	–	–	1	–	–	–	5	5	10
dman's Fields	10381	5	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
gate	9149	5	7	4	2	–	–	–	–	–	–	–	–	–	–	1	–
Mary St George East	17906	11	8	2	–	–	–	–	–	1	–	–	–	–	–	–	–
Paul St. George East	21356	14	8	3	–	–	–	–	–	–	–	–	–	–	–	1	–
John St. George East *W*	8973	4	5	–	3	–	–	–	–	–	–	–	–	–	–	1	4
dwell	11623	2	3	1	–	–	–	–	–	–	–	–	–	–	2	2	–
celiff *WH*	15930	12	9	2	3	–	1	–	–	1	–	–	–	1	–	1	3
nehouse *W*	30025	29	10	5	1	1	–	1	–	–	–	–	–	–	1	1	–
le End Old Town West	38126	43	16	6	1	–	–	–	–	1	–	–	–	–	–	–	–
e End Old Town East *WH*	55020	47	32	3	4	–	4	–	–	5	–	–	–	–	2	3	4
w *WHL*†	67777	73	40	5	15	4	1	–	–	2	–	–	–	1	2	3	18
olar *W*	48500	43	25	8	5	1	4	–	–	3	–	–	–	–	–	–	1
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	12	8	2	–	–	–	–	–	1	–	–	–	–	–	1	1
Saviour Southwark H	15667	12	8	4	1	–	1	–	–	–	–	–	–	–	1	1	–
nt-road	20430	15	12	5	1	1	–	–	–	1	–	–	–	–	2	3	1
rough-road *WH*	16694	14	12	2	1	–	–	–	–	3	–	–	–	–	–	1	1
ndon-road L	18959	15	14	4	1	–	1	–	–	–	–	–	–	–	–	1	–
nity Newington	23673	22	10	3	–	–	–	–	–	1	–	3	–	–	–	–	10
Peter Walworth *W*	48232	75	25	8	6	–	–	–	–	1	–	–	–	–	–	–	–
Mary Newington H	16786	11	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Olave Southwark H	4157	1	9	–	1	–	–	1	–	–	–	–	–	–	–	–	6
John Horsleydown *W*	10595	5	5	1	2	–	–	–	–	–	–	–	–	–	–	–	–
ather Market	16785	13	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	9	9	2	2	–	–	–	–	2	–	–	–	–	–	–	3
James Bermondsey	47921	42	22	3	1	1	1	1	–	1	–	–	–	1	–	1	–
therhithe *W*	25873	20	16	4	3	–	–	–	–	–	–	–	1	–	1	1	3
aterloo-road 1st H	14083	8	4	–	1	–	–	–	–	1	–	–	–	–	–	–	–
aterloo-road 2nd H	18453	23	5	–	1	–	–	–	–	–	–	1	–	–	–	1	–
mbeth Church 1st	19470	23	21	5	2	–	–	1	–	–	–	–	–	–	–	–	10
mbeth Church 2nd *W*	35831	35	16	4	8	–	–	–	–	–	–	–	–	1	1	1	6
nnington 1st *W*	41284	39	13	1	3	–	–	–	–	–	–	1	–	–	–	1	–
nnington 2nd	31213	16	13	2	5	–	–	–	–	–	–	–	–	–	–	–	–
ixton HL	35431	25	13	1	1	2	–	–	–	3	–	–	–	–	–	–	2
rwood *W*	12534	15	7	1	3	–	–	–	–	–	–	–	1	–	–	–	–
apham HL	27348	24	11	4	2	1	–	–	–	1	–	–	–	–	–	–	–
ttersea *W*	53988	38	22	11	2	–	1	–	–	2	–	–	–	–	1	2	6
ndsworth HL	19797	5	9	2	2	–	–	–	–	–	–	–	–	–	1	2	3
ttney	1438	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
reatham	14479	15	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
mberwell *WL*†*L*†	31251	27	24	3	7	–	–	1	–	2	–	–	–	–	–	–	7
ckham *W*	42159	36	27	12	3	–	–	5	–	1	–	–	1	–	–	1	–
George Camberwell	33851	28	11	5	3	–	–	–	–	2	–	–	–	–	1	1	–
Paul Deptford	53696	28	17	3	1	–	–	–	–	2	–	–	–	–	1	3	–
Nicholas Deptford	6487	3	6	–	1	–	–	–	–	2	–	–	–	–	–	–	–
eenwich West	21098	11	11	1	6	–	–	1	–	–	–	–	–	–	–	1	–
eenwich East *WH*	19320	13	19	3	7	–	–	–	–	–	–	–	–	–	4	4	10
ltham	4528	5	1	–	–	–	–	–	–	1	1	1	–	–	–	–	–
e	16430	11	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–
ewisham Village *W*	11508	8	6	1	2	–	–	–	–	–	–	–	–	–	–	–	–
denham	19016	12	3	–	2	–	–	–	–	–	–	–	–	–	–	–	–
arlton H	9503	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
oolwich Dockyard	17229	8	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
oolwich Arsenal H	18319	19	4	2	1	–	–	1	–	–	–	–	–	–	–	1	–
umstead West	13028	14	5	2	2	–	–	–	–	–	–	–	–	–	–	–	–
umstead East *W*	15290	16	10	1	4	1	–	–	–	–	–	–	–	1	–	–	5

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand ,, ,, Tottenham-court sub-district.
London City ,, ,, Islington East.
Do. do. ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th MARCH, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahren heit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	3	..	30·126	58·0	43·2	14·8	50·2	47·7	76·9	41·0	47·4	44·5	2·5	7·6	0·6	+10·0	91	SW.	SW.&SSW.	1·1	0·0	0·1	248	0·01	..
MONDAY .	4	Greatest Dec. S.	30·033	60·3	37·2	23·1	47·9	42·6	116·9	30·6	48·1	45·8	5·3	19·0	1·1	+ 7·8	82	Calm & SSE.	S. & SSE.	2·4	0·0	0·2	201	0·00	..
TUESDAY .	5	..	29·897	59·8	42·6	17·2	50·3	42·7	108·0	35·6	48·9	46·4	7·6	14·4	4·2	+10·2	70	S.	SSW. & SSE.	2·7	0·0	0·4	319	0·00	..
WEDNESDAY	6	Perigee	29·612	60·1	41·3	18·8	49·9	40·2	116·1	32·1	49·2	46·2	9·7	15·0	2·2	+ 9·8	69	SSE.	SSE. & ESE.	2·4	0·0	0·3	232	0·00	..
THURSDAY .	7	..	29·255	60·8	37·3	23·5	48·7	43·8	107·9	26·2	49·6	46·9	4·9	17·1	1·0	+ 8·5	83	SSE.	S. by E. & S.	2·3	0·0	0·1	183	0·00	..
FRIDAY . .	8	..	29·371	57·5	45·8	11·7	49·8	44·9	74·6	41·0	49·9	47·0	4·9	9·9	2·9	+ 9·5	83	SSW.	SSW.	2·3	0·0	0·4	307	0·06	..
SATURDAY .	9	New	29·813	55·1	35·8	19·3	43·9	39·3	86·0	30·1	50·0	47·5	4·6	13·4	1·4	+ 3·5	84	SW. &W.	N.&NNE.	1·0	0·0	0·1	189	0·00	..
MEANS . .		..	29·730	58·8	40·5	18·3	48·7	43·0	98·1	33·8	49·0	46·3	5·6	13·8	1·9	+ 8·5	80	SSE & SSW.		..	..	..	Sum 1679	Sum 0·07	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
MARCH.			
SUNDAY .	3	Positive, increasing in tension at night.	A dull cloudy day. In the afternoon the clouds became broken and cleared away rapidly. A fine and cloudless night.
MONDAY .	4	Positive, with variable tension.	Very foggy in early morning. A brilliantly fine day; light clouds present occasionally.
TUESDAY .	5	Weak positive in the early portion of the day.	Cloudless and very fine throughout.
WEDNESDAY	6	Positive occasionally.	Cirrus and cirro-stratus clouds prevalent in the morning. Generally cloudless afterwards. Very fine.
THURSDAY .	7	Positive, with variable tension.	Fine, with light clouds in morning. The clouds increased in density as the day advanced, and the sky was overcast between 4h. and 8h. P.M. Variable afterwards. A little rain fell in the afternoon.
FRIDAY .	8	No electricity shown.	Rain fell between 3h. and 6h. A.M. Generally cloudy till night, and a little rain fell. Nearly cloudless in the evening.
SATURDAY .	9	Strong positive at night.	Foggy in the morning. Cloudy at mid-day. Very fine. Hoar frost at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30·04 in. at the beginning of the week to 30·14 in. by 9h. P.M. on the 3d; decreased to 29·23 in. by 3h. P.M. on the 7th; and increased to 29·96 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
18th March 1872.

United Kingdom.

During the week ending Saturday the 16th instant, 5576 *births* and 3584 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 34 per 1000 persons living, in Glasgow 28 per 1000, and in Dublin 39; the 230 deaths in Dublin included 54 fatal cases of small-pox, against 37 and 41 in the two previous weeks; 16 of these 54 deaths from small-pox, however, occurred in hospitals during February.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 23 per 1000; Portsmouth 23, Norwich 24, Bristol 28, Wolverhampton 35, Birmingham 17, Leicester 20, Nottingham 32, Liverpool 24, Manchester 27, Salford 27, Oldham 27, Bradford 30, Leeds 27, Sheffield 28, Hull 26, Sunderland 26, and Newcastle-upon-Tyne 21. The fatal cases of small-pox in these eighteen towns, which in the five previous weeks had slowly but steadily declined from 202 to 150, further decreased last week to 147; of these, 42 occurred in London, 24 in Sheffield, 10 each in Hull, Nottingham, and Norwich, 7 each in Birmingham and Bristol, 6 in Portsmouth, and 5 each in Bradford, Sunderland, and Newcastle-upon-Tyne. The annual death-rate from this disease was equal to 6 per 1000 persons living in Norwich and Nottingham, 5 in Sheffield, 4 in Hull, 3 each in Wolverhampton, Portsmouth, and Sunderland, and to 2 per 1000 in Newcastle and Bradford. Deaths from small-pox occurred in each of the eighteen towns last week, and Bradford appears to be threatened with an outbreak of the epidemic.

London.

In London 2443 births and 1475 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 45, while the deaths were 209 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 22 and 25, declined again last week to 23. The rate was 23 in the West, 24 in the North, 24 in the Central, 25 in the East, and 21 in the South Districts.

The 1475 deaths included 42 from small-pox, 40 from measles, 19 from scarlet fever, 3 from diphtheria, 111 from whooping-cough, 29 from different forms of fever (of which 7 were certified as typhus, 16 as enteric or typhoid, and 6 as simple continued fever), and 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 260 deaths were referred, against 245 and 285 in the two preceding weeks. The fatal cases of whooping-cough were again excessive, corresponding with the number in the previous week, and exceeding the corrected average by 39; the deaths from small-pox, measles, scarlet fever, and diphtheria had further declined from those in recent weeks. Measles was fatal in Islington. The cases of whooping-cough were most numerous in Kensington, Kentish Town, Islington, Poplar, Bermondsey, and Lambeth. Three deaths from enteric fever were returned in Mile End Old Town West sub-district.

The deaths from small-pox, which in the three previous weeks had been 53, 52, and 49, further declined last week to 42. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 12 fatal cases were recorded, against 14 and 17 in the two preceding weeks. Out of those institutions, four deaths each were referred to this disease in St. John (Westminster) and Poplar sub-districts, and three in St. George Camberwell.

On Sunday, 10th instant, the mean temperature fell to 38°·1, and was 2°·5 below the average, while on each succeeding day of the week a considerable and

increasing excess prevailed. During the 95 days ending last Saturday the daily mean temperature showed an average excess of 5°·1 Fahrenheit.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 455 and 500, were last week 507; these, however, were 74 below the corrected average number in the corresponding week of the last ten years.

To different forms of violence 41 deaths were referred; 34 were the result of negligence or accident, including 14 from fractures and contusions, 3 from burns and scalds, 3 from drowning, and 11 from suffocation, 10 of which were of infants under one year of age. Five cases of suicide, and one of manslaughter, were registered during the week.

Two of the deaths from fractures and contusions, referred to negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 62 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 17th instant; of these, 4 occurred in the City, and 58 in the Metropolitan Police Districts.

During the week 92 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 97 and 119 in the two preceding weeks; these showed a proportion of 6 per cent. upon the total deaths.

In the large Public Institutions 270 deaths were recorded, or 18 per cent. of the total deaths; of these 124 occurred in Workhouses, and 131 in Hospitals.

Foreign Cities.

In Paris 788 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 76 deaths occurred in the week ending the 9th instant, and the annual death-rate was 21 per 1000. In Berlin during the week ending the 14th, 494 deaths were recorded, showing an annual rate of 31 per 1000. In Vienna the 399 deaths in the week ending the 9th gave an annual rate of 33 per 1000. In Rome 174 deaths were registered in the week ending the 3d, and the annual death-rate was 37 per 1000.

In the City of New York 621 deaths were registered in the week ending 24th February, and the equivalent annual rate of mortality was 34 per 1000.

In Bombay the deaths registered during the week ending the 20th ultimo were 391, including 46 from small-pox, and the mortality was at the annual rate of 25 per 1000. In Calcutta 213 deaths were returned in the week ending 10th February, and the death-rate calculated upon the 1867 population (430,000) was equal to 26 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·79 in.; the highest reading was 30·15 in. on Sunday morning, and the lowest 29·27 in. on Thursday afternoon. The mean temperature of the *air* was 44°·6, or 3°·2 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean on Sunday, 10th instant, was 38°·1, and 2°·5 below the average, while on each succeeding day of the week it showed a considerable excess; on Saturday the mean was 49°·7, and 7°·8 above the average. The highest day temperature in the shade was 59°·3 on Saturday, and the lowest night temperature 28°·3 on Monday; the entire range in the week was, therefore, 31°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 111°·5 on Monday. The difference between the mean *dew-point* temperature and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 47°·9. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7 miles per hour. *Rain* fell on Wednesday only, to the amount of 0·02 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 42°·2 in Norwich, to 46°·2 in Liverpool; the lowest recorded night temperature was 28°·7 in Leicester, and the highest day temperature in the shade 59°·5 in the same town. Rain was measured in each of these towns with the exception of Norwich; and the amounts varied from ·01 of an inch in Sheffield, to ·41 of an inch in Manchester.

In Centigrade degrees the mean temperature of the air at Greenwich was 7°·0, or 1°·8 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 15°·2, the lowest night temperature showed 2°·1 of frost, and the highest temperature in the sun was 44°·2. The wind blew at the rate of 12 kilometres an hour, and the rain-fall measured ·05 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 217,116 cubic metres, and at Barking 283,769 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the ELEVENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1940	1952	2177	2310	2218	2146	2288	2166	2308	2297	2180·2	2443
Males . .	991	1006	1117	1185	1140	1098	1172	1116	1150	1150	1112·5	1214
Females .	949	946	1060	1125	1078	1048	1116	1050	1158	1147	1067·7	1229
TOTAL **Deaths**	1423	1561	1508	1538	1738	1572	1309	1549	1532	1576	1530·6	1475
Males . .	715	802	743	794	869	763	665	777	775	835	773·8	764
Females .	708	759	765	744	869	809	644	772	757	741	756·8	711

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Dec. 23.	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.
TOTAL **Deaths** - - -	1943	1686	1617	1632	1628	1602	1423	1524	1320	1488	1423	1565	1475
Deaths under 5 years of age -	813	701	683	663	652	647	571	634	581	634	624	666	648
Deaths 5—20 - - -	119	122	102	110	114	113	88	102	91	92	96	123	96
Deaths 20—40 - - -	254	224	225	215	227	242	201	220	157	213	188	228	209
Deaths 40—60 - - -	319	281	266	283	264	253	241	230	219	261	234	244	218
Deaths 60—80 - - -	361	292	280	306	301	282	271	278	224	237	235	242	248
Deaths at 80 years & upwards	77	66	61	55	70	65	51	60	48	51	46	62	56
Deaths from Smallpox - -	90	97	91	90	93	90	52	68	48	53	52	49	42
" " Measles - -	102	75	67	51	60	41	32	40	30	52	41	52	40
" " Scarlet Fever -	28	34	24	23	34	19	32	31	16	32	21	29	19
" " Diphtheria -	3	2	3	3	6	7	4	3	6	2	5	8	3
" " Whooping-cough	117	79	92	115	115	98	115	88	99	97	95	111	111
" " Typhus fever -	6	4	2	4	7	7	1	4	3	3	3	5	7
" " Enteric (or Typhoid) fever -	32	33	26	25	35	14	16	15	20	15	12	10	16
" " Simple Cont[d] fever	12	8	12	12	6	7	9	8	6	14	6	9	6
" " Diarrhœa - -	13	9	7	3	10	12	6	13	11	8	10	12	16
" " Simple Cholera -	—	—	—	—	—	—	—	—	—	—	—	1	—
" " Phthisis - -	182	164	160	152	171	194	162	160	141	168	155	174	187
" " Bronchitis - -	364	302	273	278	262	259	197	193	163	158	168	181	197
" " Pneumonia -	117	101	97	96	75	88	82	80	57	78	82	107	82
" " Heart Disease -	99	77	74	62	91	70	72	71	59	80	68	75	73
Mean Temperature of the Air	41°6	43°0	41°5	40°3	39°1	42°0	44°4	46°6	43°8	44°9	45°6	48°7	44°6
Mean Temperature of the Water of the Thames -	37·7	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9
Humidity of the Air - -	92	89	84	90	89	92	85	87	86	85	86	80	80
Rain-fall in inches - -	0·51	0 56	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34	0·17	0·07	0·02

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle on Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 16th day of March 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 16th Mar. 1872.	DEATHS registered during the Week ending 16th Mar. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5576	3584	59·5	28·0	44·5	6·95	0·23	0·
LONDON	77,997	3,312,591	42·5	2443	1475	59·3	28·3	44·6	7·00	0·02	0·
PORTSMOUTH	9,513	115,455	12·1	73	50	57·8	31·6	44·3	6·84	0·19	0·
NORWICH	7,472	81,105	10·9	48	37	56·8	29·0	42·2	5·67	0·00	0·
BRISTOL	4,688	186,428	39·8	107	100	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	46	57·6	31·0	44·0	6·67	0·25	0·
BIRMINGHAM	7,831	350,164	44·7	284	115	58·3	31·9	44·4	6·89	0·30	0·
LEICESTER	3,200	99,143	31·0	60	38	59·5	28·7	44·8	7·11	0·04	0·
NOTTINGHAM	1,996	88,225	44·2	62	54	56·2	30·5	44·0	6·67	0·28	0·
LIVERPOOL	5,108	499,897	97·9	375	227	58·2	37·9	46·2	7·89	0·38	0·
MANCHESTER	4,486	352,759	78·6	290	181	59·0	33·5	45·8	7·66	0·41	1·
SALFORD	5,172	127,923	24·7	113	66	58·7	32·8	45·0	7·22	0·40	1·
OLDHAM	4,167	84,004	20·2	71	44	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	142	87	54·8	35·6	45·2	7·33	0·29	0·
LEEDS	21,572	266,564	12·4	249	137	56·0	34·0	43·7	6·50	0·12	0·
SHEFFIELD	22,830	247,847	10·9	204	133	59·0	35·0	44·2	6·78	0·01	0·
HULL	3,562	124,976	35·1	101	62	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	80	50	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	81	53	54·0	32·0	43·8	6·55	0·36	0·
EDINBURGH	4,427	205,146	46·3	144	135	53·0	28·0	42·0	5·56	0·20	0·
GLASGOW	5,063	489,136	94·8	398	264	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	195	230	59·0	29·0	48·0	8·89	0·38	0·

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 16th day of March 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	24	2955	740	559	147	50	39	11	177	60	29	84	171	4
LONDON	23	1475	337	304	42	40	19	3	111	29	16	41	92	2
PORTSMOUTH	23	50	13	8	6	–	–	–	–	4	–	1	3	
NORWICH	24	37	7	7	10	–	1	–	2	–	–	1	3	
BRISTOL	28	100	28	21	7	1	1	1	7	1	1	4	6	
WOLVERHAMPTON	35	46	12	11	4	–	1	–	6	–	–	–	–	
BIRMINGHAM	17	115	37	21	7	–	1	–	3	1	3	4	12	
LEICESTER	20	38	9	7	2	–	–	–	–	2	–	1	1	
NOTTINGHAM	32	54	7	11	10	–	–	–	–	2	–	1	1	
LIVERPOOL	24	227	74	51	1	–	6	2	9	7	3	9	15	
MANCHESTER	27	181	46	20	3	1	1	–	18	–	1	2	10	
SALFORD	27	66	20	7	2	–	–	–	5	2	1	2	4	
OLDHAM	27	44	9	10	1	1	–	–	2	–	1	2	2	
BRADFORD	30	87	27	7	5	2	–	–	3	2	1	2	2	
LEEDS	27	137	40	26	3	3	1	2	5	5	–	2	3	
SHEFFIELD	28	133	32	20	24	1	5	1	2	1	–	2	5	
HULL	26	62	15	13	10	1	–	1	3	3	–	2	2	
SUNDERLAND	26	50	18	6	5	–	3	1	–	–	1	2	2	
NEWCASTLE-ON-TYNE	21	53	9	9	5	–	–	–	1	1	1	6	8	
DUBLIN	39	230	27	55	54	2	4	2	–	11	1	5	3	

TABLE 5.—DEATHS in LONDON Registered in the ELEVENTH Week of the Year 1872.

...SES OF DEATH.	Average in the Eleventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 16, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.					
		Mean Tem.	0–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature –	40·0	44·6						
ALL CAUSES – –	1530·6	1475	648	96	209	218	248	56
SPECIFIED CAUSES	1515·1	1473	647	95	209	218	248	56
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	34·2	42	16	12	13	1	–	–
Measles – – –	26·5	40	38	2	–	–	–	–
Scarlet Fever (Scarlatina)	38·8	19	16	1	2	–	–	–
Diphtheria – – –	8·1	3	3	–	–	–	–	–
Quinsy – – – –	1·6	1	–	1	–	–	–	–
Croup – – – –	14·7	12	10	2	–	–	–	–
Hooping-cough – –	65·0	111	103	3	–	–	–	–
Typhus – – –	55·3	7	–	1	3	3	–	–
Enteric or Typhoid Fever		16	–	8	6	–	2	–
Simple continued Fever –		6	3	1	1	1	–	–
Erysipelas – – –	7·0	10	5	–	1	2	2	–
Puerperal Fever (Metria)	4·4	4	–	–	4	–	–	–
Carbuncle – – –	1·1	1	–	1	–	–	–	–
Influenza – – –	·6	–	–	–	–	–	–	–
Dysentery – – –	1·4	3	1	–	1	–	1	–
Cholera – – –	12·0	16	11	–	–	3	2	–
Simple Cholera – –	·3	–	–	–	–	–	–	–
Diarrhœa – – –	·3	–	–	–	–	–	–	–
Intermittent Fever – –	1·1	1	–	1	–	–	–	–
Rheumatism – –	7·8	4	–	1	2	–	1	–
Other *Zymotic* Diseases –	·3	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	8·0	6	5	–	1	–	–	–
Stricture of Urethra –	1·3	1	–	–	–	–	1	–
Hydrophobia – – –	–	–	–	–	–	–	–	–
Canders – – –	–	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·6	–	–	–	–	–	–	–
Want of Breast-milk –	5·5	7	7	–	–	–	–	–
Purpura and Scurvy –	2·5	3	3	–	–	–	–	–
Delirium Tremens –	1·9	–	–	–	–	–	–	–
Intemperance –	1·2	1	–	–	1	–	–	–
ORDER 4.								
Thrush – – – –	2·9	2	2	–	–	–	–	–
Worms, &c. – – –	·4	1	–	–	1	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·6	1	–	–	–	–	1	–
Dropsy – – – –	15·6	10	2	1	1	3	2	1
Cancer – – – –	26·1	37	–	–	5	19	10	3
Cancrum Oris (Noma) –	·5	1	1	–	–	–	–	–
Mortification – –	4·0	1	–	–	–	–	1	–
ORDER 2.								
Scrofula – – – –	9·6	14	11	1	2	–	–	–
Tabes Mesenterica –	19·6	17	16	1	–	–	–	–
Hydrothisis – – –	188·0	187	7	27	87	51	14	1
Hydrocephalus – –	34·3	33	29	3	1	–	–	–
LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	14·0	17	14	1	–	–	2	–
Apoplexy – – –	37·8	37	2	3	4	6	16	6
Paralysis – – –	33·3	36	–	–	2	6	24	4
Insanity – – –	1·3	6	–	–	–	1	5	–
Chorea – – – –	·4	–	–	–	–	–	–	–
Epilepsy – – – –	8·1	5	–	–	2	2	1	–
Convulsions – – –	60·3	50	50	–	–	–	–	–
Brain Disease, &c. –	19·0	22	3	1	2	9	6	1
ORDER 2.								
Pericarditis – – –	2·4	1	–	–	–	1	–	–
Aneurism – – –	2·6	5	–	–	2	3	–	–
Heart Disease, &c. –	73·2	73	–	6	18	23	22	4
ORDER 3.								
Laryngitis – – –	12·7	17	16	1	–	–	–	–
Bronchitis – – –	201·6	197	84	1	10	36	56	10
Pleurisy – – – –	3·1	6	–	1	1	1	3	–
Pneumonia – – –	92·0	82	60	1	6	7	8	–
Asthma – – – –	13·1	7	–	–	1	3	3	–
Lung Disease, &c. –	17·6	11	6	–	2	–	2	1
ORDER 4.								
Gastritis – – –	1·2	2	1	–	–	1	–	–
Enteritis – – –	4·1	6	3	1	1	–	–	1
Peritonitis – – –	5·2	4	1	–	1	–	2	–
Ulcers – – – –	2·8	1	1	–	–	–	–	–
Ulceration of Intestines –	3·3	5	–	–	–	2	3	–
Hernia – – – –	3·7	4	1	–	–	–	2	1
Ulcus – – – –	2·3	1	–	–	–	–	–	1
Intussusception – –	·8	3	1	–	–	–	2	–

CAUSES OF DEATH.	Average in the Eleventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 16, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.					
		Mean Tem.	0–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature –	40·0	44·6						
9. Stricture of Intestines –	·6	1	–	–	–	1	–	–
10. Fistula – – –	·2	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·4	4	–	–	1	1	2	–
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – – –	3·6	–	–	–	–	–	–	–
14. Jaundice – – – –	5·0	6	3	–	1	–	2	–
15. *Liver Disease, &c.* – –	16·0	15	–	–	3	7	5	–
16. *Spleen Disease, &c.* – –	·3	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – – –	1·5	1	–	1	–	–	–	–
2. Ischuria – – – –	·3	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·3	9	–	2	1	6	–	–
4. Diabetes – – – –	1·7	1	–	–	1	–	–	–
5. Calculus (Stone) – –	·6	–	–	–	–	–	–	–
6. Cystitis – – – –	1·5	1	–	–	–	–	1	–
7. *Kidney Disease, &c.* – –	7·7	10	–	1	3	1	4	1
ORDER 6.								
1. Ovarian Dropsy – –	·6	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	4·1	7	–	–	1	4	2	–
ORDER 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	6·3	5	1	4	–	–	–	–
ORDER 8.								
1. Phlegmon – – – –	2·4	1	–	–	1	–	–	–
2. Ulcer – – – –	1·3	1	1	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·5	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	18·3	28	28	–	–	–	–	–
2. Cyanosis – – – –	3·2	2	2	–	–	–	–	–
3. Spina Bifida – – –	·7	–	–	–	–	–	–	–
4. Other Malformations –	1·4	–	–	–	–	–	–	–
5. Teething – – – –	23·1	12	12	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·7	5	–	–	5	–	–	–
ORDER 3.								
1. Old Age – – – –	65·1	43	–	–	–	–	22	21
ORDER 4.								
1. Atrophy and Debility –	62·6	63	47	1	–	6	9	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	14·4	14	1	1	5	2	5	–
2. Wounds { Gunshot	·9	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		2	1	–	1	–	–	–
3. Burns and Scalds – –	6·6	3	2	–	–	–	1	–
4. Poison – – – –	·7	1	1	–	–	–	–	–
5. Drowning – – –	3·7	3	–	1	–	2	–	–
6. Suffocation – – –	7·7	11	10	–	–	–	1	–
7. Otherwise – – –	1·4	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·5	1	–	–	1	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·2	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	·6	–	–	–	–	–	–	–
2. Poison – – – –	1·2	1	–	–	–	1	–	–
3. Drowning – – –	1·1	2	–	1	–	1	–	–
4. Hanging – – – –	1·0	1	–	–	–	1	–	–
5. Otherwise – – –	·6	1	–	–	–	1	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	1	–	–	1	–	–	–
Sudden Deaths (Cause unascertained) – – –	3·1	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	12·4	2	1	1	–	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2443	1475	337	304	42	40	19	3	111	7	16	6	16	41	92
WEST DISTRICTS	561,189	363	255	54	55	5	6	4	-	11	1	3	-	4	4	16
NORTH DISTRICTS	751,668	536	354	77	76	14	19	6	2	25	3	4	1	-	8	24
CENTRAL DISTRICTS	333,887	236	149	35	28	3	4	2	-	11	-	-	-	2	12	21
EAST DISTRICTS	638,928	555	310	71	67	9	8	5	-	27	-	5	2	4	6	16
SOUTH DISTRICTS	966,132	753	407	100	78	11	3	2	1	37	3	4	3	6	11	15
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	43	28	7	11	-	-	-	-	1	-	2	-	-	1	3
St. John Paddington H	38082	16	16	6	-	-	-	1	-	-	-	-	-	-	1	3
Kensington Town *WL*	91583	68	40	11	10	-	-	1	-	4	-	1	-	-	-	3
Brompton H	28651	11	10	1	1	-	1	-	-	-	-	-	-	1	-	-
St. Peter Hammersmith	6662	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36030	30	19	3	4	1	1	1	-	-	-	-	-	-	-	1
Fulham *WLLLL*	23378	19	14	6	4	-	-	-	-	3	-	-	-	-	-	2
Chelsea South HH	26419	23	13	2	5	-	-	-	-	1	-	-	-	-	1	1
Chelsea North-west H*Ww*	23278	11	7	1	4	-	-	-	-	1	-	-	-	-	-	-
Chelsea North-east L	21389	20	9	3	-	-	-	-	-	-	-	-	-	1	-	-
Hanover Square	18700	8	8	1	1	-	-	-	-	-	-	-	-	-	1	1
May Fair *W*	13020	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1
Belgrave HH	58043	41	25	3	3	-	-	1	-	1	-	-	-	1	-	-
St. John Westminster HHH	38470	21	18	3	2	4	-	-	-	-	-	-	-	1	-	1
St. Margaret Westminster *WWHH*	27640	19	21	2	6	-	-	-	-	-	1	-	-	-	-	-
St. James's Square	10453	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Golden Square *W*	12855	5	6	1	2	-	2	-	-	-	-	-	-	-	-	-
Berwick-street	10279	4	5	3	-	-	2	-	-	-	-	-	-	-	-	-
St. Anne Soho HH	17555	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HH	28374	16	13	2	-	-	-	-	1	-	1	-	-	-	-	-
Cavendish Square	15419	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone *WH*	26387	16	30	6	10	-	3	-	-	2	-	-	-	-	2	2
St. Mary Marylebone H	21795	26	6	1	3	-	-	-	-	1	-	-	-	-	-	-
Christchurch Marylebone	33892	29	10	5	2	-	1	-	-	-	-	-	-	-	-	2
St. John Marylebone	33110	18	9	4	2	-	1	-	-	-	-	-	-	-	1	1
Hampstead *WHH*	32271	18	12	2	-	6	1	-	-	-	-	-	-	-	-	-
Regent's Park Pancras	38192	19	19	3	7	-	-	3	-	1	-	-	-	-	-	1
Tottenham-court *wH*	29360	18	27	7	8	-	-	-	1	1	-	-	-	-	2	4
Gray's Inn Lane H	29216	16	13	2	1	1	1	1	-	-	-	-	-	-	-	1
Somers Town	38562	32	18	7	4	1	1	-	-	1	-	-	-	-	1	3
Camden Town *W*	18066	23	10	1	5	-	-	-	-	2	-	-	-	-	-	-
Kentish Town *W*	68198	51	28	7	5	-	1	1	-	5	-	-	-	-	-	-
Islington West HHH	97801	71	41	13	5	-	3	-	-	7	-	1	-	-	1	4
Islington East *Ww*H	115948	88	62	9	16	-	5	-	-	3	-	2	-	-	1	3
Stoke Newington L	9810	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	6599	1	3	3	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	28076	23	11	2	2	-	2	1	-	1	-	-	-	-	-	-
Hackney *Ww*HHL	50087	30	25	3	3	5	-	-	-	-	2	1	1	-	-	1
South Hackney L	30305	26	12	-	2	1	-	-	-	1	-	-	-	-	-	2
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	12	9	-	5	-	-	-	-	1	-	-	-	-	1	2
St. Giles South *WH*	19089	6	9	2	1	-	1	-	-	-	-	-	-	-	1	1
St. Giles North	16497	13	7	2	-	-	-	-	-	1	-	-	-	-	-	-
Long Acre	11326	7	6	3	1	-	-	-	-	1	-	-	-	1	1	2
Charing Cross H	9831	3	8	1	1	-	-	-	-	1	-	-	-	-	-	1
St. Mary-le-Strand	9376	7	6	2	1	-	-	-	-	1	-	-	-	-	-	1
St. Clement Danes H	10711	6	7	1	-	-	-	-	-	-	-	-	-	-	2	1
St. George-the-Martyr HHH	20521	15	5	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew East Holborn *W*	13528	13	5	-	2	-	-	-	-	-	-	-	-	-	-	2
Saffron Hill	9051	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell *W*	18912	22	4	3	-	-	-	-	-	-	-	-	-	1	1	1
Amwell Clerkenwell	16878	12	8	4	-	-	-	-	-	3	-	-	-	-	-	1
Pentonville	13293	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	16220	16	4	1	1	-	-	-	-	-	-	-	-	-	2	3
Old-street H	12156	14	7	3	1	-	1	-	-	2	-	-	-	-	-	-
City-road *WHHL*	18291	24	7	3	1	-	-	1	-	1	-	-	-	-	-	-
Whitecross-street	13790	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury	10732	7	6	-	2	-	-	-	-	-	-	-	-	-	-	1
St. Botolph East London HH	14484	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13639	6	5	1	3	1	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H	7562	2	14	3	3	2	-	-	-	-	-	-	-	-	3	4
St. Bride *W*	11184	3	7	1	2	-	2	1	-	-	-	-	-	-	-	-
Castle Baynard	4389	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch	6308	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4744	4	2	-	-	-	-	-	-	-	-	-	-	-	1	1
Allhallows Barking	5694	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street	7838	4	4	2	1	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district day, 16th March 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
East Districts.																	
ell Shoreditch	12429	10	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–
onard Shoreditch HL†	16545	14	10	2	3	–	1	1	–	1	–	–	–	–	–	–	1
n New Town *w*	27832	32	9	3	3	–	–	–	–	1	–	–	–	1	–	–	3
n Old Town	26944	18	9	2	1	–	–	–	–	1	–	1	–	–	–	–	4
rstone West *W*	24153	21	12	3	5	–	–	–	–	1	–	–	–	–	–	–	–
rstone East	19257	6	13	4	1	–	1	1	–	2	–	–	–	–	–	–	–
ney-road	29808	19	8	1	–	1	–	–	–	2	–	–	–	–	–	–	–
, Bethnal Green *WHL*†	42443	41	17	3	6	1	–	–	–	1	–	–	1	1	–	–	6
h, Bethnal Green	26574	28	8	3	2	–	–	–	–	–	–	–	–	–	–	–	–
, Bethnal Green	21375	23	6	–	–	1	–	–	–	1	–	–	–	–	–	–	–
ery Whitechapel	6651	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
fields	15844	12	4	3	–	–	–	–	–	1	–	–	–	–	–	–	–
2nd New Town *W*	15550	18	8	1	3	–	–	–	–	2	–	–	–	–	–	–	4
chapel North	11434	16	8	–	2	–	–	–	–	–	–	–	–	–	–	1	–
chapel Church H	7323	4	13	2	1	–	–	–	–	–	–	–	–	–	1	2	9
nan's Fields	10381	6	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
te	9149	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ary St. George East	17906	15	4	1	1	–	–	–	–	–	–	–	1	–	–	–	–
ul St. George East	21356	18	8	1	2	–	–	–	–	–	–	–	–	1	–	1	–
hn St. George East *W*	8973	4	6	1	4	–	–	–	–	–	–	–	–	1	–	–	5
well	11623	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ff H	15930	9	5	–	–	–	–	1	–	1	–	–	–	–	–	–	2
house *W*	30025	30	10	3	2	–	–	–	–	2	–	–	–	–	2	–	–
End Old Town West	38126	35	25	5	6	–	3	–	–	3	–	3	–	–	–	1	–
End Old Town East *WwH*	55020	52	36	11	7	1	–	1	–	2	–	–	–	–	2	5	4
*WwwH*L†	67777	67	49	11	12	1	1	1	–	2	–	–	–	–	2	4	16
r *WW*	48500	47	29	11	5	4	2	–	–	4	–	1	–	–	1	–	2
South Districts.																	
tchurch Southwark *W*	14547	7	5	1	2	–	–	–	–	1	–	–	–	1	–	–	1
aviour Southwark H	15667	14	7	2	2	–	–	–	–	–	–	–	–	–	–	–	–
-road	20430	15	10	4	–	–	–	–	–	1	–	–	–	–	–	–	–
ugh-road *WH*	16694	19	9	4	2	–	1	–	–	2	–	–	–	–	–	–	2
on-road L	18959	9	6	2	2	–	–	–	–	–	–	–	–	–	–	–	–
ty Newington	23673	23	8	1	4	–	–	–	–	2	–	–	–	–	–	–	–
eter Walworth *W*	48232	45	20	6	3	–	–	–	–	1	–	–	–	1	–	–	1
lary Newington	16786	11	9	2	–	1	–	–	–	1	–	–	–	–	–	–	–
lave Southwark H	4157	1	16	–	2	–	–	–	–	1	–	–	–	–	1	1	13
ohn Horsleydown *W*	10595	6	8	1	2	–	–	–	–	–	–	–	–	–	–	1	2
ner Market	16785	14	9	2	–	–	–	–	–	–	1	–	–	2	–	1	–
lary Magdalen *W*	15707	18	6	–	1	–	–	–	–	–	–	–	–	–	–	–	1
ames Bermondsey	47921	42	18	3	3	–	–	–	–	4	–	–	–	–	1	1	–
erhithe *W*	25873	13	13	2	2	–	–	–	–	–	1	–	1	–	–	1	1
rloo-road 1st H	14086	19	3	1	–	–	–	–	–	–	–	–	–	–	–	–	1
rloo-road 2nd H	18453	21	12	3	1	2	1	–	–	–	–	–	1	–	1	1	–
eth Church 1st H	19470	13	26	6	2	1	–	–	–	5	–	1	–	–	3	3	13
eth Church 2nd *W*	35831	32	17	2	4	–	–	–	–	1	–	–	–	–	1	1	6
ington 1st *W*	41284	27	13	7	1	–	–	–	–	1	–	–	–	–	–	–	–
ington 2nd	31213	34	7	1	2	–	–	–	–	1	–	–	–	1	–	–	–
on HL	35431	28	14	4	2	2	–	–	–	2	–	–	–	–	1	1	2
ood *W*	12534	10	5	2	–	–	–	–	–	3	–	–	–	–	–	–	–
am HL	27348	14	8	5	1	–	1	–	–	–	–	–	1	–	–	–	–
rsea *W*	53988	50	18	4	5	–	–	–	–	2	–	–	–	–	–	–	1
lsworth HL	19797	13	5	–	1	–	–	–	–	–	–	–	–	–	–	–	3
ey	9438	6	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
tham	14479	9	6	1	2	–	–	–	–	–	–	1	–	–	–	–	–
ich	4041	2	1	1	–	–	–	–	–	2	–	–	–	–	–	1	–
berwell *WL*†L†	31251	15	15	1	8	1	–	–	–	2	–	–	1	–	–	–	6
ham *W*	42159	39	11	4	3	–	–	–	–	1	–	–	–	–	–	–	–
eorge Camberwell	33851	25	24	8	1	3	–	1	–	3	–	–	–	–	–	–	–
aul Deptford	53696	40	17	2	2	1	–	–	–	1	1	2	–	–	1	1	–
icholas Deptford	6487	3	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
nwich West	21098	11	9	4	3	–	–	–	–	2	–	–	–	–	1	1	–
nwich East *WH*	19320	16	14	3	4	–	–	–	–	–	–	–	–	–	–	–	11
am	4528	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	16430	9	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
nham	19016	13	7	2	1	–	–	1	1	–	–	–	–	–	1	1	–
lton H	9503	3	3	–	1	–	–	–	–	–	–	–	–	–	–	–	1
wich Dockyard	17229	8	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
wich Arsenal H	18319	21	5	2	–	–	–	–	–	–	–	–	–	–	–	–	1
stead, West	13028	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
stead, East *W*	15290	19	5	1	2	–	–	–	–	–	–	–	–	–	–	–	1

Following are Outlying Workhouses (indicated in the Tables by *w*):

t. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
he Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
Do. do. " " Hackney sub-district.
Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th MARCH, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	10	..	30·133	49·0	28·5	20·5	38·1	32·3	95·0	20·6	49·9	47·2	5·8	13·0	0·0	— 2·5	80	NNE.N.& W.	ENE. & Calm.	0·2	0·0	0·0	73	0·00	..
MONDAY. .	11	In Equator	30·087	55·9	28·3	27·6	42·1	33·7	111·5	20·6	49·4	47·0	8·4	14·6	4·1	+ 1·2	72	Calm	WSW. & ESE.	0·4	0·0	0·0	117	0·00	..
TUESDAY .	12	..	29·904	55·4	33·5	21·9	44·2	39·6	96·8	24·9	48·8	46·8	4·6	14·2	1·5	+ 3·0	84	S. & SSE.	SSW. & SW.	0·8	0·0	0·1	190	0·00	..
WEDNESDAY	13	..	29·720	56·9	38·3	18·6	45·1	39·4	109·8	28·2	48·6	46·6	5·7	16·6	0·0	+ 3·7	80	W.	WSW. & SW.	0·2	0·0	0·0	207	0·02	..
THURSDAY.	14	..	29·300	55·2	36·4	18·8	45·2	37·5	110·0	30·3	48·4	46·8	7·7	16·8	1·5	+ 3·7	75	S.	S. & SE.	1·6	0·0	0·2	240	0·00	..
FRIDAY . .	15	..	29·569	58·2	38·6	19·6	47·5	41·6	107·3	28·5	48·4	46·8	5·9	15·4	0·0	+ 5·8	80	Calm & E.	SE. & SSW.	0·1	0·0	0·0	134	0·00	..
SATURDAY.	16	..	29·820	59·3	43·3	16·0	49·7	47·4	75·2	37·5	48·8	47·2	2·3	9·5	0·0	+ 7·8	92	SSW. & WSW.	WSW.&SW	1·4	0·0	0·1	288	0·00	..
MEANS . .		..	29·790	55·7	35·3	20·4	44·6	38·8	100·8	27·2	48·9	46·9	5·8	14·3	1·0	+ 3·2	80	Variable.		..	..	..	Sum 1249	Sum 0·02	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. MARCH.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	10	Positive generally, changing to negative, with weak tension at night.	Hoar frost in morning. Fog prevalent till noon. Cloudy till night; then cloudless. Hoar frost at night.
MONDAY .	11	Strong positive in morning.	Hoar frost and fog in morning. A very fine day throughout; a little light cloud occasionally present.
TUESDAY .	12	Positive, with variable tension.	The amount of cloud variable till night; then overcast. Fine during the day; thin rain fell between 8h. and 9h. P.M.
WEDNESDAY	13	Weak positive in morning and at night.	Rain fell in early morning, sky overcast at times. Very fine during the day, the amount of cloud decreasing till the evening, when the sky became cloudless.
THURSDAY .	14	No electricity shown.	Cloudy throughout. Generally fine.
FRIDAY .	15	Positive, with moderate tension in the morning and at night.	Cloudless, but misty in early morning. Cloudy, but fine throughout the remainder of the day.
SATURDAY .	16	Positive, with variable tension.	Overcast and very dull till the latter portion of the day. Very fine, with light clouds at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·96 in. at the beginning of the week to 30·15 in. by 10h. A.M. on the 10th; decreased to 29·27 in. by 3h. P.M. on the 14th; and was 29·88 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
25th March 1872.

United Kingdom.

During the week ending Saturday the 23d instant, 4943 *births* and 3613 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 34 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 31 ; the fatal cases of small-pox in Dublin, which in the three previous weeks had been 37, 41, and 54, declined last week to 32.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 23 per 1000 ; Portsmouth 23, Norwich 28, Bristol 22, Wolverhampton 25, Birmingham 22, Leicester 26, Nottingham 30, Liverpool 28, Manchester 31, Salford 29, Oldham 27, Bradford 24, Leeds 30, Sheffield 23, Hull 23, Sunderland 30, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the six previous weeks had steadily declined from 202 to 147, further decreased last week to 122 ; of these, 48 occurred in London, 13 in Sheffield, 11 in Nottingham, 10 in Leeds, 9 in Hull, 6 in Bristol, 5 each in Norwich and Leicester, and 4 in Portsmouth. The annual death-rate from this disease was equal to 7 per 1000 persons living in Nottingham, 4 in Hull, 3 each in Sheffield, Norwich, and Leicester, and 2 each in Wolverhampton, Leeds, Portsmouth, and Bristol ; this fatality showed a considerable decline in both Norwich and Sheffield.

Whooping-cough is, just now, the most fatal zymotic disease in these large English Towns ; it is most prevalent in London and Manchester.

London.

In London 2103 births and 1463 deaths were registered last week. After making due allowance for increase of population, the births were 274, and the deaths 224, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 25 and 23, was again last week 23. The rate was 21 in the West, 22 in the North, 27 in the Central, 27 in the East, and 22 in the South groups of Districts.

The 1463 deaths included 48 from small-pox, 66 from measles, 19 from scarlet fever, 6 from diphtheria, 102 from whooping-cough, 31 from different forms of fever (of which 7 were certified as typhus, 19 as enteric or typhoid, and 5 as simple continued fever), and 15 from diarrhœa ; thus to the seven principal diseases of the zymotic class 287 deaths were referred, against 285 and 260 in the two preceding weeks. The fatal cases of whooping-cough showed a decline of but 9 upon the high number returned in each of the two preceding weeks, while those of measles had considerably increased. The fatality from whooping-cough was general, while measles caused most deaths in Islington and Poplar. Two deaths each from enteric fever were returned in Tottenham Court, West Hackney, and Mile End Old Town East sub-districts.

The deaths from small-pox, which in the four previous weeks had slowly but steadily declined from 53 to 42, rose again to 48 last week, and exceeded by 8 the corrected average number in the corresponding week of the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell 14 fatal cases were recorded, against 17 and 12 in the two preceding weeks ; no death was, however, registered last week in the Hampstead hospital. Out of those institutions, three deaths were referred to this disease in Bow, and two each in St. Peter (Hammersmith), Kentish Town, Bethnal Green, Poplar, and London Road (Southwark) sub-districts.

The mean temperature was above the average on the two first days of the week, thus raising the warm period which commenced on the 12th of December last to 97 days, during which the temperature was, with but a few exceptions, continually

above the average; the average daily excess in these 97 days was 5°·1. Cold weather set in on Tuesday, and on each of the last five days of the week a considerable deficiency of temperature was shown; Thursday was the coldest day, when the mean was only 30°·3, and 12°·0 below the average.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 500 and 507, were 501 last week, and 92 below the corrected average number in the corresponding week of the last ten years.

The proportion of deaths of elderly persons showed a slight increase last week; ten of the deaths registered were of persons aged 90 years and upwards, including that of a chairmaker in Peckham, whose age was returned as 103 years.

To different forms of violence 41 deaths were referred; 37 were the result of negligence or accident, including 15 from fractures and contusions, 7 from burns and scalds, 4 from drowning, 7 from suffocation, and 3 from poison. Two cases of suicide, and one each from infanticide and manslaughter, were registered during the week. The death of the widow of a musician, in Westminster, was referred to opium-eating.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 38 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 24th instant; of these, 6 occurred in the City, and 32 in the Metropolitan Police Districts.

During the week only 67 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 119 and 92 in the two preceding weeks; these showed a proportion of 4·6 per cent. upon the total deaths.

In the large Public Institutions 246 deaths were recorded, or 17 per cent. of the total deaths; of these 124 occurred in Workhouses and 115 in Hospitals.

Foreign Cities.

In Paris 844 deaths were returned in the week ending the 22d instant, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 70 deaths occurred in the week ending the 16th, and the annual death-rate was 20 per 1000. In Berlin during the week ending 21st, 468 deaths were recorded, showing an annual rate of 29 per 1000; 45 fatal cases of small-pox were recorded. In Vienna the 491 deaths in the week ending the 16th, (including 49 from small-pox), gave an annual rate of 41 per 1000. In Rome 194 deaths were registered in the week ending the 10th, and the annual death-rate was 41 per 1000; 19 deaths were referred to small-pox.

In the City of New York 594 deaths were registered in the week ending 2d March, and the equivalent annual rate of mortality was 33 per 1000.

In Bombay the deaths registered during the week ending the 27th ultimo were 358, and the mortality was at the annual rate of 23 per 1000; 40 fatal cases of small-pox were recorded, of which 30 occurred among the Hindoo population of the city. In Madras the 256 deaths in the week ending the 16th ultimo showed an annual death-rate equal to 31 per 1000 of the population. In Calcutta 196 deaths were returned in the week ending 17th ultimo, and the death-rate was 24 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·66 in.; the highest reading was 29·91 in. on Sunday morning, and the lowest 29·50 in. on Thursday at noon. The mean temperature of the *air* was 38°·9, or 3°·3 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations taken at the Royal Observatory. The mean showed an excess on Sunday and Monday, but was below the average on the five last days of the week; on Sunday it was 51°·3, and 9°·3 above, while on Thursday it was only 30°·3, and 12° below the average. The highest day temperature in the shade was 56°·8 on Sunday, and the lowest night temperature 26°·2 on Thursday; the entire range in the week was, therefore, 30°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 87°·4 on Monday. The difference between the mean *dew-point* temperature and *air* temperature averaged 4°·4. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 47°·4. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was N.N.E., and the horizontal movement of the air averaged 13 miles per hour. *Rain* fell on five days of the week, to the amount of one inch.

The mean temperature in the other large English towns furnishing returns ranged from 38°·2 in Norwich, to 41°·2 in Leeds; the lowest recorded night temperature was 26°·0 in Leicester, and the highest day temperature in the shade 62°·0 in Nottingham. Rain was measured in each of these towns, and the amounts varied from ·14 of an inch in Portsmouth, to 1·12 in Manchester.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 229,118 cubic metres, and at Barking 243,553 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWELFTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1805	2231	1897	2101	2219	2224	2299	2177	2227	2429	2160·9	2103
Males . .	884	1129	974	1091	1150	1147	1188	1121	1151	1228	1106·3	1070
Females .	921	1102	923	1010	1069	1077	1111	1056	1076	1201	1054·6	1033
TOTAL **Deaths**	1271	1624	1397	1634	1649	1731	1298	1590	1478	1665	1533·7	1463
Males .	637	822	729	805	854	832	685	800	771	840	777·5	731
Females .	634	802	668	829	795	899	613	790	707	825	756·2	732

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Dec. 30.	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.
TOTAL **Deaths** - - -	1686	1619	1632	1628	1602	1423	1524	1320	1488	1423	1565	1475	1463
Deaths under 5 years of age -	701	684	663	652	647	571	634	581	634	624	666	648	636
Deaths 5—20 - - -	122	103	110	114	113	88	102	91	92	96	123	96	98
Deaths 20—40 - - -	224	225	215	227	242	201	220	157	213	188	228	209	210
Deaths 40—60 - - -	281	266	283	264	253	241	230	219	261	234	244	218	205
Deaths 60—80 - - -	292	280	306	301	282	271	278	224	237	235	242	248	258
Deaths at 80 years & upwards	66	61	55	70	65	51	60	48	51	46	62	56	56
Deaths from Small-pox - -	97	91	90	93	90	52	63	48	53	52	49	42	48
,, ,, Measles - -	75	67	51	60	41	32	40	30	52	41	52	40	66
,, ,, Scarlet Fever -	34	24	23	34	19	32	31	16	32	21	29	19	19
,, ,, Diphtheria -	2	3	3	6	7	4	3	6	2	5	8	3	6
,, ,, Whooping-cough	79	92	115	115	98	115	88	99	97	95	111	111	102
,, ,, Typhus fever -	4	2	4	7	7	1	4	3	3	3	5	7	7
,, ,, Enteric (or Typhoid) fever -	33	26	25	35	14	16	15	20	15	12	10	16	19
,, ,, SimpleContfever	8	12	12	6	7	9	8	6	14	6	9	6	5
,, ,, Diarrhœa - -	9	7	3	10	12	6	13	11	8	10	12	16	15
,, ,, Simple Cholera -	—	—	—	—	—	—	—	—	—	—	1	—	—
,, ,, Phthisis - -	164	160	162	171	194	162	160	141	168	155	174	187	177
,, ,, Bronchitis - -	302	273	278	262	259	197	193	163	158	168	181	197	203
,, ,, Pneumonia -	101	97	96	75	88	82	80	57	78	82	107	82	87
,, ,, Heart Disease -	77	74	62	91	70	72	71	59	80	68	75	73	64
Mean Temperature of the Air	43°0	41°5	40°3	39°1	42°0	44°4	46°6	43°8	44°9	45°6	48°7	44°6	38°9
Mean Temperature of the Water of the Thames -	39·9	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4
Humidity of the Air - -	89	84	90	89	92	85	87	86	85	86	80	80	85
Rain-fall in inches - -	0·56	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34	0·17	0·07	0·02	1·00

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 23d day of March 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 23d Mar. 1872.	DEATHS registered during the Week ending 23d Mar. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	4943	3613	62·0	26·0	39·4	4·11	0·61	1·5
LONDON	77,997	3,312,591	42·5	2103	1463	56·8	26·2	38·9	3·83	1·00	2·5
PORTSMOUTH	9,513	115,455	12·1	81	50	55·2	26·6	39·9	4·39	0·14	0·3
NORWICH	7,472	81,105	10·9	38	43	59·0	26·5	38·2	3·44	0·74	1·8
BRISTOL	4,688	186,428	39·8	115	79	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	51	33	52·7	28·6	38·3	3·50	0·73	1·8
BIRMINGHAM	7,831	350,164	44·7	281	146	56·0	28·7	39·2	4·00	0·50	1·2
LEICESTER	3,200	99,143	31·0	78	49	57·2	26·0	38·8	3·77	0·62	1·5
NOTTINGHAM	1,996	88,225	44·2	47	51	62·0	27·8	41·0	5·00	0·46	1·1
LIVERPOOL	5,108	499,897	97·9	367	265	55·0	29·4	39·3	4·06	0·51	1·3
MANCHESTER	4,486	352,759	78·6	259	208	54·0	29·0	39·5	4·17	1·12	2·8
SALFORD	5,172	127,923	24·7	73	71	53·5	27·0	39·1	3·95	0·90	2·2
OLDHAM	4,167	84,004	20·2	71	43	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	120	69	57·2	29·6	39·1	3·95	0·31	0·7
LEEDS	21,572	266,564	12·4	162	151	59·0	30·0	41·2	5·11	0·32	0·8
SHEFFIELD	22,830	247,847	10·9	171	110	55·0	29·0	39·0	3·89	0·48	1·2
HULL	3,562	124,976	35·1	67	56	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	62	57	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	75	55	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	104	132	57·0	28·0	39·6	4·22	0·50	1·2
GLASGOW	5,063	489,136	94·8	407	295	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	211	187	57·0	26·0	40·0	4·44	0·79	2·0

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 23d day of March 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	Public
Total of 18 TOWNS	24	2999	702	593	122	82	37	14	165	81	34	95	162	4
LONDON	23	1463	308	314	48	66	19	6	102	31	15	41	67	2
PORTSMOUTH	23	50	9	11	4	1	–	–	1	4	–	1	4	
NORWICH	28	43	7	11	5	–	–	–	1	–	–	1	3	
BRISTOL	22	79	21	13	6	2	–	2	3	2	–	3	4	
WOLVERHAMPTON	25	33	11	4	3	–	1	–	–	1	–	2	2	
BIRMINGHAM	22	146	44	29	2	1	2	2	6	1	3	6	12	
LEICESTER	26	49	15	4	5	2	–	–	–	2	–	–	2	
NOTTINGHAM	30	51	12	11	11	–	–	–	–	1	1	–	4	
LIVERPOOL	28	265	63	63	–	4	3	–	11	6	4	19	22	
MANCHESTER	31	208	54	33	–	–	3	1	20	8	2	8	23	
SALFORD	29	71	14	11	2	1	–	–	4	1	2	3	4	
OLDHAM	27	43	13	9	–	2	1	1	–	1	–	1	1	
BRADFORD	24	69	21	4	1	–	–	–	4	4	1	1	1	
LEEDS	30	151	46	32	10	2	–	1	4	2	3	–	–	
SHEFFIELD	23	110	27	12	13	1	4	1	3	1	2	2	5	
HULL	23	56	11	16	9	–	–	–	1	6	–	2	2	
SUNDERLAND	30	57	14	7	2	–	4	–	–	7	–	4	4	
NEWCASTLE-ON-TYNE	22	55	12	9	1	–	–	–	5	3	1	1	2	
DUBLIN	31	187	27	29	32	2	7	–	1	8	1	8	10	

TABLE 5.—DEATHS Registered in LONDON in the TWELFTH Week of the Year 1872.

SES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 23, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	39°8	38°9						
CAUSES – –	1533·7	1463	636	98	210	205	258	56
CIFIED CAUSES	1513·0	1460	633	98	210	205	258	56
IOTIC DISEASES.								
ORDER 1.								
ll-pox – – –	36·7	48	17	16	14	1	–	–
sles – – –	27·2	66	60	6	–	–	–	–
let Fever (Scarlatina)	40·2	19	10	5	3	1	–	–
theria – –	8·1	6	4	2	–	–	–	–
sy – –	1·1	–	–	–	–	–	–	–
p – –	16·5	14	13	1	–	–	–	–
oping-cough –	65·8	102	95	7	–	–	–	–
us – –		7	–	3	1	2	1	–
eric or Typhoid Fever	48·8	19	5	6	4	3	–	1
ple continued Fever		5	2	1	1	1	–	–
pelas – –	6·6	8	2	–	2	1	3	–
peral Fever (Metria)	4·6	4	–	–	4	–	–	–
uncle – –	·6	–	–	–	–	–	–	–
enza – –	1·0	–	–	–	–	–	–	–
entery – –	2·1	1	1	–	–	–	–	–
rhœa – –	11·3	15	10	1	–	–	4	–
ple Cholera –	·4	–	–	–	–	–	–	–
e – –	·3	–	–	–	–	–	–	–
ittent Fever –	1·0	–	–	–	–	–	–	–
matism – –	6·9	8	1	1	4	–	2	–
r *Zymotic* Diseases –	—	–	–	–	–	–	–	–
ORDER 2.								
ilis – – –	6·8	8	6	–	1	1	–	–
cture of Urethra –	·4	2	–	–	2	–	–	–
rophobia – –	—	–	–	–	–	–	–	–
nders – –	—	–	–	–	–	–	–	–
ORDER 3.								
ation – – –	1·1	–	–	–	–	–	–	–
nt of Breast-milk –	7·3	9	9	–	–	–	–	–
bura and Scurvy –	1·8	3	2	1	–	–	–	–
a Del. Tremens –	1·9	2	–	–	1	1	–	–
n b Intemperance –	1·5	1	–	–	–	1	–	–
ORDER 4.								
ish – – –	2·2	1	1	–	–	–	–	–
rms, &c. – –	·4	–	–	–	–	–	–	–
STITUTIONAL DIS.								
ORDER 1.								
t – – – –	1·7	4	–	–	1	1	1	1
sy – – –	13·6	5	–	–	1	1	3	–
cer – – –	27·2	20	–	–	3	7	10	–
crum Oris (Noma) –	·5	–	–	–	–	–	–	–
tification – –	4·7	1	–	–	–	–	1	–
ORDER 2.								
bula – – –	8·2	4	2	–	1	1	–	–
es Mesenterica –	19·2	25	24	1	–	–	–	–
hisis – –	182·1	177	6	17	88	51	15	–
rocephalus –	31·8	24	23	1	–	–	–	–
OCAL DISEASES.								
ORDER 1.								
halitis – –	15·0	25	18	2	2	3	–	–
plexy – –	39·5	32	–	–	2	11	15	4
alysis – –	33·1	37	2	–	4	6	22	3
nity – –	1·5	1	–	–	1	–	–	–
rea – – –	·3	–	–	–	–	–	–	–
epsy – –	7·7	3	–	–	2	–	1	–
vulsions – –	57·3	40	40	–	–	–	–	–
n Disease, &c. –	20·1	10	1	–	1	1	7	–
ORDER 2.								
carditis – –	2·9	2	–	–	–	1	1	–
urism – –	2·9	2	–	–	1	1	–	–
rt Disease, &c. –	68·4	64	–	4	10	23	26	1
ORDER 3.								
ngitis – –	10·3	9	8	1	–	–	–	–
nchitis – –	213·4	203	75	5	8	35	66	14
risy – –	2·9	4	–	1	–	1	2	–
umonia – –	94·5	87	60	3	9	6	9	–
ma – – –	16·7	9	–	–	–	2	6	1
g Disease, &c. –	19·1	12	5	–	1	4	2	–
ORDER 4.								
ritis – – –	2·1	–	–	–	–	–	–	–
eritis – – –	5·9	3	1	–	–	1	1	–
tonitis – –	5·8	3	–	1	2	–	–	–
tes – – –	2·6	1	–	–	–	1	–	–
eration of Intestines –	2·2	1	1	–	–	–	–	–
nia – – –	3·7	4	–	–	–	2	2	–
s – – –	2·6	6	3	1	–	–	1	1
ssusception – –	·8	1	–	–	–	–	1	–

CAUSES OF DEATH.	Average in the Twelfth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 23, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	39°8	38°9						
9. Stricture of Intestines –	1·0	2	–	–	1	–	1	–
10. Fistula – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	7·5	5	–	–	1	1	3	–
12. *Pancreas Disease, &c.* –	·2	–	–	–	–	–	–	–
13. Hepatitis – – –	3·6	3	–	–	–	1	1	1
14. Jaundice – – –	4·0	7	4	–	–	2	1	–
15. *Liver Disease, &c.* –	15·5	14	–	–	2	7	4	1
16. *Spleen Disease, &c.* –	·3	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·8	1	–	–	1	–	–	–
2. Ischuria – – –	·4	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	10·9	16	–	1	8	5	2	–
4. Diabetes – – –	1·7	2	–	–	–	1	1	–
5. Calculus (Stone) –	·4	2	–	–	–	1	1	–
6. Cystitis – – –	1·3	2	–	–	–	1	1	–
7. *Kidney Disease, &c.* –	5·8	4	–	–	–	3	1	–
ORDER 6.								
1. Ovarian Dropsy –	·9	1	–	–	–	1	–	–
2. *Uterus Disease, &c.* –	4·4	4	–	–	3	1	–	–
ORDER 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	5·0	12	3	4	2	–	3	–
ORDER 8.								
1. Phlegmon – – –	2·0	3	–	2	1	–	–	–
2. Ulcer – – –	1·0	1	–	–	–	–	–	1
3. *Skin Disease, &c.* –	1·5	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth –	20·9	28	28	–	–	–	–	–
2. Cyanosis – – –	2·8	3	3	–	–	–	–	–
3. Spina Bifida – –	1·0	–	–	–	–	–	–	–
4. Other Malformations	1·7	–	–	–	–	–	–	–
5. Teething – – –	20·8	16	16	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	7·2	6	–	–	5	1	–	–
ORDER 3.								
1. Old Age – – –	57·2	52	–	–	–	–	25	27
ORDER 4.								
1. Atrophy and Debility –	58·0	68	58	–	–	1	9	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	18·2	15	2	2	6	3	2	–
2. Wounds { Gunshot	·2	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds –	6·7	7	6	1	–	–	–	–
4. Poison – – –	·8	3	1	–	–	2	–	–
5. Drowning – – –	5·0	4	–	–	2	2	–	–
6. Suffocation – –	9·7	7	4	1	1	–	1	–
7. Otherwise – – –	2·6	1	–	–	–	1	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·1	2	1	–	1	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·3	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·4	1	–	–	1	–	–	–
2. Poison – – –	·5	–	–	–	–	–	–	–
3. Drowning – –	·8	–	–	–	–	–	–	–
4. Hanging – – –	1·3	1	–	–	1	–	–	–
5. Otherwise – –	·3	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·2	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	4·2	–	–	–	–	–	–	–
Causes not specified or ill-defined – – –	16·5	3	3	–	–	–	–	–

†.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2103	1463	308	314	48	66	19	6	102	7	19	5	15	41	67
WEST DISTRICTS	561,189	315	229	33	71	3	11	4	–	10	1	3	3	5	6	10
NORTH DISTRICTS	751,668	469	321	67	75	7	15	8	3	27	1	6	–	1	6	13
CENTRAL DISTRICTS	333,887	192	167	40	24	3	6	–	–	12	2	–	–	2	8	9
EAST DISTRICTS	638,928	450	333	67	63	11	24	3	1	22	–	3	–	2	12	23
SOUTH DISTRICTS	966,132	677	413	101	81	24	10	4	2	31	3	7	2	5	9	12
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	39	21	4	4	–	2	2	–	1	–	–	–	–	1	1
St. John Paddington H	38082	18	18	–	6	–	–	–	–	–	–	–	1	–	–	–
Kensington Town *WL*	91583	49	26	7	10	–	–	–	–	1	–	1	1	–	–	–
Brompton H	28651	17	11	2	3	–	2	1	–	1	–	–	–	–	–	–
St. Peter Hammersmith	6662	1	5	–	2	2	–	–	–	–	–	1	–	–	–	1
St. Paul Hammersmith H	36030	38	10	2	3	–	–	–	–	–	–	1	–	–	–	–
Fulham *WLLLL*	23378	12	11	1	4	–	–	–	–	1	–	–	–	1	–	1
Chelsea South HH	26419	12	14	–	6	–	1	–	–	1	–	–	–	–	–	–
Chelsea North-west *HWw*	23278	11	10	1	3	1	2	–	–	–	–	–	–	–	–	1
Chelsea North-east L	21389	13	8	2	2	–	–	–	–	1	–	–	–	–	–	–
Hanover Square	18700	3	4	1	–	–	–	–	–	1	–	–	–	–	–	–
May Fair *W*	13020	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	33	32	3	7	–	3	–	–	1	–	–	–	2	3	3
St. John Westminster HHH	38470	22	22	4	7	–	1	–	–	1	1	–	–	1	1	3
St. Margaret Westminster *WWHH*	27640	14	12	1	4	–	–	–	–	–	–	–	–	–	1	–
St. James's Square	10453	2	8	2	1	–	–	–	–	–	–	–	1	–	–	–
Golden Square *W*	12855	10	7	1	5	–	1	–	–	–	–	–	–	–	–	–
Berwick-street	10279	4	1	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Anne Soho HH	17555	11	7	1	4	–	–	–	–	1	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	13	20	4	3	–	–	–	–	–	–	–	–	–	2	5
Cavendish Square	15419	3	7	–	1	–	1	–	–	1	–	–	–	–	–	1
Rectory Marylebone *WH*	26387	15	18	3	8	–	1	–	–	3	–	–	–	1	–	–
St. Mary Marylebone H	21795	18	12	2	4	–	–	–	–	–	–	1	–	–	–	–
Christchurch Marylebone	33892	27	17	7	1	–	2	–	–	–	–	–	–	–	–	–
St. John Marylebone	33110	15	9	2	2	–	–	1	–	1	–	–	–	–	–	1
Hampstead *WHH*	32271	15	12	1	3	–	1	–	–	3	–	–	–	–	–	1
Regent's Park Pancras	38192	21	11	3	1	1	–	1	–	1	–	–	–	–	–	1
Tottenham-court *wH*	29360	10	19	3	4	–	–	–	–	3	–	2	–	–	1	1
Gray's Inn Lane H	29216	23	12	5	1	–	–	1	1	2	–	–	–	–	1	1
Somers Town	38562	20	14	4	5	–	1	–	–	–	–	1	–	–	1	1
Camden Town *W*	18066	14	12	3	3	–	–	–	–	1	–	–	–	–	–	–
Kentish Town *W*	68198	55	25	5	4	2	1	–	–	2	–	–	–	–	–	–
Islington West HHH	97801	73	37	7	11	1	2	1	–	3	–	–	–	–	–	–
Islington East *WwH*	115948	70	46	10	14	–	4	2	2	3	–	–	–	–	–	–
Stoke Newington L	9810	10	5	–	1	–	1	–	–	–	–	–	–	–	1	1
Stamford Hill	6599	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	17	13	2	2	–	–	1	–	–	–	2	–	–	–	–
Hackney *WwHHL*	50087	26	25	5	4	3	1	1	–	3	–	–	–	–	–	–
South Hackney L	30305	17	7	1	3	–	–	–	–	1	1	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	7	7	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	15	16	4	2	1	1	–	–	1	–	–	–	–	–	1
St. Giles North	16497	11	8	2	–	1	1	–	–	1	–	–	–	–	–	–
Long Acre	11826	1	3	2	–	–	–	–	–	–	–	–	–	1	–	–
Charing Cross H	9831	2	4	–	1	–	–	–	–	–	–	–	–	–	1	1
St. Mary-le-Strand	9376	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	13	10	2	1	–	2	–	–	1	–	–	–	–	–	1
St. Andrew East Holborn *W*	13528	5	9	2	2	–	1	–	–	1	–	–	–	–	–	–
Saffron Hill	9051	3	4	1	1	–	–	–	–	1	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	14	10	3	1	–	–	–	–	–	–	–	–	–	1	1
Amwell Clerkenwell	16878	19	5	2	–	–	–	–	–	2	–	–	–	–	–	–
Pentonville	13293	10	10	4	1	–	–	–	–	–	1	–	–	1	1	1
Goswell-street	16220	9	8	3	2	–	–	–	–	1	–	–	–	–	1	1
Old-street H	12156	9	8	3	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	25	11	5	1	–	1	–	–	1	–	–	–	–	–	–
Whitecross-street	13790	2	6	2	–	–	–	–	–	1	–	–	–	–	–	–
Finsbury	10732	12	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	8	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	1	26	2	3	1	–	–	–	1	1	–	–	–	3	3
St. Bride *W*	11184	4	4	–	1	–	–	–	–	1	–	–	–	–	–	–
Castle Baynard	4389	1	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	3	–	2	–	–	–	–	–	–	–	–	–	1	–
Queenhithe	4744	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	4	–	1	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, 23d March 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	9	4	-	-	-	-	-	-	-	-	-	-	-	1	1	-
eonard Shoreditch HL†	16545	13	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-
on New Town *w*	27832	28	14	6	1	-	-	-	-	1	-	-	-	-	-	-	2
on Old Town	26944	14	5	-	1	-	2	-	-	-	-	-	-	-	-	-	-
erstone West *W*	24153	17	16	2	6	-	-	1	-	1	-	-	-	-	-	-	3
erstone East	19257	10	10	3	2	-	1	-	-	2	-	-	-	-	-	-	-
ney-road	29808	20	15	2	-	1	1	-	-	3	-	1	-	-	-	-	-
, Bethnal Green *WHL*†	42443	29	24	3	4	2	1	-	-	1	-	-	-	1	-	-	7
ch, Bethnal Green	26574	20	12	3	1	1	-	-	-	2	-	-	-	-	-	-	-
, Bethnal Green	21375	12	8	2	2	1	2	-	-	-	-	-	-	-	-	-	-
ery Whitechapel	6851	3	5	1	2	-	-	-	-	-	-	-	-	-	2	1	-
lfields	15844	9	11	3	1	-	1	-	-	-	-	-	-	-	1	2	-
End New Town *W*	15550	14	19	5	5	-	1	-	-	1	-	-	-	-	-	3	7
echapel North	11434	8	6	1	1	-	1	-	-	1	-	-	-	1	-	-	-
echapel Church H	7323	1	12	-	1	-	-	-	-	-	-	-	-	-	2	2	11
nnan's Fields	10381	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ate	9149	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
lary St George East	17906	18	5	2	2	-	-	-	-	2	-	-	-	-	-	-	-
ul St. George East	21356	18	9	3	4	-	1	-	-	-	-	-	-	-	-	-	-
hn St. George East *W*	8973	8	11	2	2	-	-	-	-	-	-	-	-	-	-	1	7
well	11623	5	5	-	1	-	1	-	-	-	-	-	-	-	1	1	-
iff H	15930	7	4	1	1	-	-	-	-	-	-	-	-	-	1	2	-
house *W*	30025	19	12	1	1	-	2	-	-	-	-	-	-	-	-	1	1
End Old Town West	38126	23	18	4	3	-	4	-	-	2	-	-	-	-	-	-	-
End Old Town East *WwH*	55020	46	25	6	8	-	-	1	-	2	-	2	-	-	-	2	3
WwwHL†	67777	51	40	5	11	3	2	-	-	1	-	-	-	-	1	1	16
ar *WW*	48500	39	29	8	1	2	4	1	1	3	-	-	-	-	3	6	1
SOUTH DISTRICTS.																	
stchurch Southwark *W*	14547	6	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
aviour Southwark H	15667	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-road	20450	8	12	5	-	1	-	-	-	3	-	-	-	2	-	-	-
ugh-road *WH*	16694	15	10	4	2	-	-	-	-	1	-	-	-	-	1	1	2
on-road L	18859	18	8	1	-	2	-	-	-	1	-	-	-	-	-	-	-
ty Newington	23673	18	6	4	1	-	-	-	-	1	-	-	-	-	-	-	-
eter Walworth *W*	48232	43	31	3	5	1	1	-	-	2	1	-	-	-	1	2	9
lary Newington	16786	10	3	-	2	-	-	-	-	1	-	-	-	-	-	-	-
lave Southwark H	4157	-	7	-	1	-	-	-	-	-	-	-	-	-	2	2	7
ohn Horsleydown *W*	10595	8	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1
ner Market	16785	16	5	3	-	-	-	-	-	-	-	-	-	1	-	-	-
lary Magdalen *W*	15707	11	7	1	1	-	-	-	-	1	-	-	-	-	-	-	1
ames Bermondsey	47921	45	29	10	5	-	2	-	2	3	-	-	-	-	1	-	-
erhithe *W*	25873	19	6	2	1	1	-	-	-	-	-	1	-	-	-	-	-
erloo-road 1st H	14086	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
erloo-road 2nd H	18453	12	8	-	1	1	-	-	-	2	-	-	-	-	-	-	-
beth Church 1st H	19470	14	16	2	1	-	-	-	-	-	-	-	-	-	2	1	3
beth Church 2nd *W*	35831	27	22	3	3	1	-	-	-	-	-	-	-	1	-	-	3
nington 1st *W*	41284	24	9	4	1	-	-	-	-	2	-	1	-	-	-	-	-
nington 2nd	31213	13	8	-	2	-	1	-	-	1	-	1	-	-	-	-	-
ton HL	35431	20	25	5	4	10	-	-	-	3	-	-	-	-	-	-	10
wood *W*	12534	11	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-
ham HL	27348	15	18	6	5	1	1	-	-	1	-	-	-	-	-	-	-
ersea *W*	53988	41	22	5	5	-	1	-	-	3	-	-	-	-	1	1	6
dsworth HL	19797	12	9	1	4	-	-	-	-	-	-	-	-	-	1	1	1
ey	9488	5	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
tham	14479	12	3	2	1	-	1	-	-	-	-	-	-	-	-	-	-
vich	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*†	31251	28	19	2	6	1	1	-	-	1	-	-	1	1	-	-	8
ham *W*	42159	25	12	3	2	1	1	2	-	1	1	-	-	-	-	-	-
eorge Camberwell	33851	27	15	3	2	1	-	-	-	2	-	-	-	-	-	1	-
aul Deptford	33696	39	14	4	3	-	-	-	-	-	1	-	-	-	1	2	-
icholas Deptford	6487	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
nwich West	21098	16	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-
nwich East *WH*	19320	14	14	5	5	-	-	-	-	1	-	1	-	-	-	-	7
am	4528	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	16450	5	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-
sham Village *W*	11508	9	3	-	2	-	-	-	-	-	-	1	-	-	-	-	1
nham	19016	11	10	3	2	-	-	-	-	-	-	1	-	-	-	-	-
lton H	9503	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
wich Dockyard	17229	6	7	1	3	1	-	-	-	-	-	1	-	-	-	-	-
wich Arsenal H	18319	15	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-
astead West	13028	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
astead East *W*	15290	15	7	-	1	1	-	-	-	-	-	-	-	-	-	-	-

llowing are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
he Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23d MARCH, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	17	First Qr.	29·842	56·8	47·0	9·8	51·3	47·0	78·0	38·0	49·0	47·6	4·3	7·8	1·9	+ 9·3	85	SW. & WSW.	WSW.	1·7	0·0	0·3	308	0·00	..
MONDAY	18	Greatest Dec. N. Apogee.	29·637	53·4	41·3	12·1	45·6	41·5	87·4	34·3	49·4	47·8	4·1	12·8	0·0	+ 3·5	86	WNW.	WNW & W	6·1	0·0	1·1	540	0·26	..
TUESDAY	19	..	29·746	48·5	35·5	13·0	41·0	35·2	82·8	30·5	49·4	47·8	5·8	9·8	5·0	— 1·2	80	NNE. & N.	N. by E. & N.	7·2	0·0	0·9	433	0·03	..
WEDNESDAY	20	..	29·721	45·9	31·7	14·2	37·6	30·0	82·3	27·5	48·9	46·7	7·6	13·9	2·0	— 4·6	74	N.	N. & NE.	1·4	0·0	0·1	233	0·00	..
THURSDAY	21	..	29·519	37·2	26·2	11·0	30·3	26·4	58·0	20·0	48·2	45·8	3·9	6·2	0·0	—12·0	85	WSW. & SSW.	NNE.	1·5	0·0	0·1	161	0·28	..
FRIDAY	22	..	29·540	40·5	28·7	11·8	33·5	30·0	67·7	19·9	47·4	44·6	3·5	7·1	2·5	— 8·7	87	N. by E.	N & NNE	2·1	0·0	0·3	335	0·03	..
SATURDAY	23	..	29·624	38·0	31·9	6·1	33·1	31·6	68·2	28·0	46·1	43·2	1·5	3·9	0·0	— 9·1	95	NE.	ENE.	1·6	0·0	0·1	246	0·40	..
MEANS		..	29·661	45·8	34·6	11·1	38·9	34·5	74·9	28·3	48·3	46·4	4·4	8·8	1·6	— 3·3	85	NNE.		..	..	..	Sum 2256	Sum 1·00	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
MARCH.			
SUNDAY	17	Positive, with strong tension throughout.	Generally overcast. A few drops of rain at night.
MONDAY	18	Positive and negative, with strong tension; sparks and galvanic currents between 1h. and 3h. P.M., changing to weak negative at night.	The amount of cloud variable till night; then overcast. Rain fell in early morning, and several heavy showers in the day, accompanied by hail. A peal of thunder heard at 1h. 40m. P.M. Strong wind.
TUESDAY	19	Positive and negative, with sparks and galvanic currents between 10h. A.M. and 3h. P.M.	Generally cloudy till night. Rain fell occasionally, accompanied by a little hail. The sky became cloudless after 6h. P.M.; a very fine night.
WEDNESDAY	20	Weak positive occasionally.	Fine, but cloudy throughout. Gloomy at mid-day. A little granular snow fell in the afternoon.
THURSDAY	21	Between 0h. and 3h. very strong electricity was shown, both positive and negative, with sparks and galvanic currents.	Cloudy till night. A very great gloom prevailed at noon, being especially intense about 0h. 30m. P.M. Snow commenced falling about 11h. A.M., increasing greatly in heaviness at noon. By 2h. 30m. P.M. 4·2 inches had fallen. At night the sky became cloudless and very fine.
FRIDAY	22	Weak negative at night.	Cloudy throughout. A little snow fell occasionally.
SATURDAY	23	Very strong negative, with sparks and galvanic currents, and occasional strong positive during the time snow was falling.	Generally cloudy. Frequent heavy snow storms during the day.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·88 in. at the beginning of the week to 29·91 in. by 9h. A.M. on the 17th; decreased to 29·56 in. by 9h. P.M. on the 18th; increased to 29·82 in. by 9h. P.M. on the 19th; decreased to 29·50 in. by noon on the 21st; increased to

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON

AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 13. 1872. Vol. XXXIII.] Week ending Saturday, March 30. [Price 1½*d.*

General Register Office, Somerset House,
1st April 1872.

United Kingdom.

During the week ending Saturday the 30th instant, 5199 *births* and 4091 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality in these towns was at the rate of 29 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality from all causes was 39 per 1000 persons living, in Glasgow 34 per 1000, and in Dublin 44 ; the fatal cases of small-pox in Dublin, which had been 54 and 32 in the two previous weeks, were 67 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 26 per 1000; Portsmouth 27, Norwich 25, Bristol 29, Wolverhampton 25, Birmingham 23, Leicester 31, Nottingham 27, Liverpool 31, Manchester 31, Salford 27, Oldham 32, Bradford 35, Leeds 26, Sheffield 30, Hull 24, Sunderland 36, and Newcastle-upon-Tyne 36. The fatal cases of small-pox in these eighteen towns, which in the twelve first weeks of the past quarter had pretty steadily declined from 283 to 122, rose again last week to 163; of these, 55 occurred in London, 32 in Sheffield, 9 each in Norwich and Birmingham, 8 in Leicester, 7 each in Leeds and Portsmouth, 6 in Wolverhampton, and 5 each in Nottingham and Newcastle-upon-Tyne. The annual death-rate from this disease was equal to 7 per 1000 persons living in Sheffield, 6 in Norwich, 5 in Wolverhampton, 4 in Leicester, 3 each in Portsmouth and Nottingham, and 2 each in Newcastle, Hull, and Sunderland; this fatality showed a marked increase in Sheffield.

Whooping-cough was again fatally prevalent, and caused 204 deaths in the eighteen towns, against 177 and 165 in the two previous weeks; the fatality was greatest in London, Liverpool, Manchester, and Salford.

London.

In London 2250 births and 1641 deaths were registered last week. After making due allowance for increase of population, the births were 228, and the deaths 83, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been equal to 23 per 1000, rose last week to 26. During the thirteen weeks of the quarter ending last Saturday the death-rate averaged 24 per 1000, against 27 in the thirteen corresponding weeks both of 1870 and 1871.

The 1641 deaths included 55 from small-pox, 63 from measles, 22 from scarlet fever, 4 from diphtheria, 118 from whooping-cough, 26 from different forms of fever (of which 3 were certified as typhus, 16 as enteric or typhoid, and 7 as simple continued fever), and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 297 deaths were referred, against 260 and 287 in the two preceding weeks. The fatal cases of whooping-cough were more numerous than in any week since the beginning of this year, when the disease first became severely epidemic; the deaths from this disease were proportionally most numerous in the East and South Districts; the registrar of Amwell sub-district of Holborn, however, reports that in one house in Euston-street seven cases existed, of which four had already proved fatal. The deaths from measles were excessive in Islington, Bethnal Green, and Bow. Scarlet fever caused rather more deaths than in the two previous weeks, and the registrar of the Trinity sub-district of St. Saviour notices that two fatal cases of this disease occurred in a two-roomed house in Neptune-place, from which three other children had been removed to the Fever Hospital.

The deaths from small-pox, which in the two previous weeks had been 42 and 48, further rose to 55 last week, and exceeded by 17 the corrected average number in the corresponding week of the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 19 fatal cases were recorded, against 12 and 14 in the two preceding weeks. Out of those institutions, five deaths were referred to this disease in Bow, three in Islington, and two each in West Hackney, St. Sepulchre (City), Bethnal Green, Spitalfields, and St. Peter Walworth sub-districts. The two deaths in Spitalfields were of the unvaccinated children of a market porter, aged respectively 7 and 5 years, occurring in Corbet's-court. Who should share with the parents the blame for this fatal neglect of vaccination?

The remarkably long period of 97 days warm weather, during which the daily mean temperature showed an average excess of 5°·1, ended on 19th ultimo, and was succeeded by eight days of unseasonably cold weather, which averaged a deficiency of 7°·3. Warm weather set in again on Wednesday, 27th, and the mean temperature showed a considerable excess on the three last days of the week.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 507 and 501, rose last week to 597, and slightly exceeded the corrected average weekly number in the corresponding week of the last ten years. This result is probably due to the eight days of low temperature above alluded to.

To different forms of violence 46 deaths were referred; 42 were the result of negligence or accident, including 21 from fractures and contusions, 4 from burns and scalds, 7 from drowning, and 7 from suffocation, of which 6 were of infants under one year of age. Three cases of suicide, and one of manslaughter, were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 43 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 31st ultimo; of these, 4 occurred in the City, and 39 in the Metropolitan Police Districts.

During the week 98 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 92 and 67 in the two preceding weeks; these showed a proportion of 6 per cent. upon the total deaths.

In the large Public Institutions 300 deaths were recorded, or 18 per cent. of the total deaths; of these 163 occurred in Workhouses, and 125 in Hospitals.

Water Supply of London.

The series of new Weekly Bills of Mortality was commenced in January 1840; and it thus became possible to study the progress of epidemics in connexion with the natural phenomena by which it was believed they were influenced, such as temperature, humidity, rainfall, and water supply. The terrible cholera of 1849 was thus followed week by week; and its varying intensity, shown in connexion with the metropolitan water supply at that date, was described in the Return for the first week of 1850.* In the epidemic of 1854 a great experiment was performed by two water companies on the homogeneous population of South London; one supplied the inhabitants of 40,000 houses with Thames water through which the cholera fluid was distributed by the metropolitan sewers; the other supplied 26,000 houses with less impure Thames water drawn from the river above Teddington Lock: in the houses supplied with the impurest water 2443 persons died of cholera during 17 weeks, in the houses supplied by the other company only 313 persons died of the epidemic during the same time.† The difference was found to prevail week by week, street by street, and the complete subsequent investigation established as an incontestible fact that the mortality by cholera bore a definite relation to the quantity of sewage—of cholera matter—in the water supply of London. The same law was found to prevail in other cities and to apply to individual dwellings; and it was corroborated remarkably by the outbreak of 1866 in East London. The matter of enteric fever and some other diseases appears to be distributed in like manner by water; hence the vital importance to the capital of a pure water supply is established by direct observation and experiment. It is not based on any preconception or theory, chemical or physical, but is an observed fact.

In October 1857 Dr. Robert D. Thomson, F.R.S., furnished this office with an analysis of the Southwark Company's water, and supplied every month from the year 1858 until his death in 1864 the determination of total and of organic impurity for each great company as published in the Weekly Returns. Dr. Hofmann analysed the waters for a few months in 1865 (February to May). Dr. Frankland, F.R.S., commenced his comprehensive analyses, which have since appeared monthly, in June 1865; and the supply of the water companies has thus been tested, by an independent, impartial, and scientific analyst, at least once a month on its way to the consumers, with the best possible effect not only on the public health, but on the Companies which enjoy a virtual monopoly of the supply of this necessary of life under the sanction of Acts of Parliament. In consequence of the recent deterioration of the Thames water, improvements in storage and filtration have been lately carried out; and we appear to be on the eve of further reforms which will enable the metropolis to live on until it get absolutely untainted water either from the high grounds of the country, or from the hard waters lying in the strata around London purified by Clark's process.

The Board of Trade has recently appointed Major Frank Bolton water examiner, of whose reports in conjunction with Dr. Frankland's a short analysis will be given monthly, so that the physical qualities and the chemical constitution of the water will thus be tested not every day but periodically by two independent examiners.

It is distinctly understood that some diseases are induced by organic matter in water as well as in air; and that the hygienic properties of such matter can only be determined by the observation of their effects on the health of the population to which the waters are supplied. Whether this form or that form of molecule or organism may be injurious is a moot question; but this is certain, that when the chemist and the physicist assure us the water is pure we know it is salubrious;

* See Weekly Return, 5th January 1850. See also Report to the Registrar General on Cholera, 1848–9; and Supplement to his 29th Report.

† See Weekly Return, 9th December 1854.

while when it is foul, unclean, or troubled, it may be and often is poisonous, as the observations on the cholera epidemics established beyond doubt.

London, the capital of the Empire, never demanded stricter attention to its hygienic appliances than it does in the present day, with its three millions of inhabitants, increasing daily; such surveillance as this office can assist in exercising over the water supply will therefore be continued unintermittingly.

Dr. Frankland, F.R.S., in his usual monthly Report upon the quality of the water supplied to the Metropolis states, that during March the condition of the Thames and Lea showed considerable improvement, although the proportions of dissolved organic impurities contained in their waters were still in excess of those present previously to the recent floods. The waters supplied were perfectly clear and transparent, except those sent out by the Southwark and Vauxhall, and Lambeth Companies; the waters of each of these two companies were slightly turbid, and that of the latter contained "moving organisms." If the "combined weight of the carbon and nitrogen of the organic matter" present in the deep-well water of the Kent Company be taken as unity, the proportional amount contained in an equal volume of water supplied last month by each of the other Metropolitan Companies ranged from 1·8 and 3·9 in New River and East London waters, to 4·8 and 6·8 in those of the Chelsea and Grand Junction Companies. Dr. Hill reports that the Birmingham water contained during March larger quantities of organic carbon and nitrogen than in the previous month, but that it was clearer than it had been for a long time.

Major Bolton, R.E., recently appointed Water Examiner by the Board of Trade, recommends that slower filtration and extended filtering power should be adopted in order to render the water of the Lambeth and Chelsea Companies satisfactorily bright. The Southwark Company, he says, has taken a new filter bed at Battersea into use, and is constructing new storage reservoirs at Nunhead to contain 18,000,000 gallons; the filtration showed an improvement upon that in the previous month. Extension works are in progress by the Lambeth Company, on completion of which its intake will be removed two miles above Molesey Lock, thus avoiding the objectionable flood water of the Mole and the Rye; it has been recommended that the open reservoir at Streatham should be covered. The intake of the Chelsea Company is reported to be unfavourably influenced by the rivers Mole and Rye. The observations contained in Major Bolton's reports bear upon the appearance of the water to the eye, and not upon its chemical composition, and are made upon the water before its distribution to consumers.

Indian Cities.

In Bombay the deaths registered during the week ending the 5th ultimo were 360, and the mortality was at the annual rate of 23 per 1000; to small-pox 63 deaths were referred, against 40 in the previous week. In Madras the 246 deaths in the week ending the 23d February showed an annual death-rate equal to 30 per 1000 of the population.

Foreign Cities.

In Paris 825 deaths were returned in the week ending the 29th ultimo, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 72 deaths occurred in the week ending the 23d ultimo, and the annual death-rate was 20 per 1000. In Berlin during the week ending the 28th ultimo 477 deaths were recorded, showing an annual rate of 30 per 1000; 22 deaths were referred to small-pox. In Rome 168 deaths were registered in the week ending the 17th ultimo, including 21 from small-pox, and the annual death-rate was 36 per 1000.

In the City of New York 641 deaths were registered in the week ending the 9th ultimo, and the equivalent annual rate of mortality was 36 per 1000; 24 fatal cases of small-pox were recorded.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·31 in.; the highest reading was 29·60 in. at the beginning of the week, and the lowest 29·10 in. on Saturday afternoon. The mean temperature of the *air* was 43°·5, or 0°·5 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on the first three days of the week was considerably below the average, but on the three last it again showed a considerable excess; on Sunday it was 33°·8, and 8°·4 below, while on Friday it was 52°·9, and 9°·3 in excess of the average. The highest day temperature in the shade was 60°·5 on Saturday, and the lowest night temperature 26°·1 on Tuesday; the entire range in the week was, therefore, 34°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 106°·7 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 3°·4. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 43°·6. The mean degree of *humidity* of the air was 88, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 14 miles per hour. *Rain* and melted snow was measured during the week to the amount of ·79 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 37°·1 in Newcastle-on-Tyne, to 43°·0 in Leicester; the lowest recorded night temperature was 23°·5 in Leicester, and the highest day temperature in the shade 64°·0 in Manchester. Rain and melted snow was measured in each of these towns; the amounts varied from 0·54 of an inch in Nottingham, to 1·91 inches in Newcastle-on-Tyne.

In Centigrade degrees the mean temperature of the air at Greenwich was 6°·39, or 0°·28 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 15°·83, the lowest night temperature showed 3°·28 of frost, and the highest temperature in the sun was 41°·50. The wind blew at the rate of 22 kilometres an hour, and the rain-fall measured 2·01 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 310,893 cubic metres, and at Barking 326,294 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied during the month of February 1872: according to their returns, 101,353,285 gallons or 460,494 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 205·4 gallons (93·3 decalitres), rather less than a *ton* by weight, to each house, and 28·9 gallons (13·1 decalitres) to each person; in February 1871 the quantity averaged 30 gallons per day to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of February 1872, it may be estimated that about 83,109,694 gallons were probably used for domestic purposes, or about 23·7 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	February 1871.	February 1872.	February 1871.	February 1872.
Total Supply	483,566	493,551	100,782,216	101,353,285
From Thames	223,314	229,481	52,508,912	53,543,385
From Lea and from other Sources	260,252	264,070	48,273,304	47,809,900
Thames.				
Chelsea	27,670	27,949	7,663,600	7,567,400
West Middlesex	41,564	42,981	8,705,733	8,860,227
Southwark and Vauxhall	77,293	78,725	16,427,390	16,401,789
Grand Junction	30,929	32,316	10,291,949	10,612,919
Lambeth	45,858	47,510	9,420,240	10,101,050
Lea and other Sources.				
New River	118,477	119,805	20,937,000	22,148,000
East London	101,852	103,513	20,237,900	19,248,500
Kent	39,923	40,752	7,098,404	6,413,400

Note.—The Return for February 1872, compared with that for the corresponding month of 1871, shows an increase of 9,985 houses, and of 571,069 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for March.

Sir, *Royal College of Chemistry, 27th March* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of March. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

Since my last report the condition of the Thames and Lea has greatly improved, but the dissolved organic impurities of these rivers have scarcely yet subsided to the proportions in which they were present before the recent floods. The samples drawn from the mains of the Southwark and Vauxhall and the Lambeth companies were slightly turbid, and moving organisms were seen in the supply of the latter company. The water delivered by the remaining companies was perfectly clear and transparent.

In respect of organic impurity, the deep well water of the Kent Company again contained the smallest proportion. If the combined weight of the carbon and nitrogen of the organic matter actually present in a given volume of this Company's water be taken as unity, the proportional amount contained in an equal volume of water supplied this month by each of the other Metropolitan Companies was:—New River 1·8, East London 3·9, Lambeth 4·2, Southwark and West Middlesex 4·5, Chelsea 4·8, and Grand Junction 6·8.

Dr. Hill reports that organic carbon and organic nitrogen are present in the Birmingham water in larger proportion than last month, but the water was clearer than it has been for a long time.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	5th March, Cab Rank, Horse Guards	10·0	30·60	·230	·027	·002	·302	·331	2720	1·90	23·3
West Middlesex	5th March, Cab Rank, Portland-road	10·8	30·54	·214	·030	·001	·282	·313	2510	1·75	23·0
Southwark and Vauxhall	5th March, Cab Rank, St. George's Church, Borough.	11·7	31·44	·208	·034	·000	·289	·323	2570	1·85	24·8
Grand Junction	5th March, Cab Rank, Woodstock-street.	10·0	30·62	·318	·052	·001	·289	·342	2580	1·75	24·2
Lambeth	5th March, Cab Rank, Westminster Bridge-road.	10·3	30·68	·193	·036	·001	·306	·343	2750	1·92	23·0
Other Sources.											
New River	5th March, Cab Rank, Tottenham-court-road.	9·7	29·22	·089	·010	·001	·284	·295	2530	1·75	24·5
East London	6th March, Royal Hotel, Mile-end-road.	10·3	34·32	·179	·034	·001	·299	·334	2680	2·35	26·6
Kent	6th March, Deptfd. Bdge. Police Stat.	13·3	40·20	·046	·008	·000	·518	·526	4860	2·55	30·3
Birmingham*	6th March, Birmingham Waterworks	—	27·40	·235	·039	·002	·356	·396	3260	1·70	15·6
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 5th March at the Horse Guards' cab-rank had a temperature of 10°·0 C.; 100,000 lbs. of it contained 30·60 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·230 lb. of carbon and ·027 lb. of nitrogen. The above quantity of water also contained ·002 lb. of ammonia and ·302 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·331 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2,720 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·90 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 23·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	2124	2158	2153	2166	2107	2489	2308	2319	2421	2284	2252·9	2250
Males . .	1041	1085	1072	1090	1082	1254	1170	1132	1247	1145	1131·8	1151
Females .	1083	1073	1081	1076	1025	1235	1138	1187	1174	1139	1121·1	1099
TOTAL **Deaths**	1360	1594	1679	1676	1582	1601	1320	1670	1625	1564	1567·1	1641
Males . .	683	807	868	841	821	824	670	838	832	784	796·8	822
Females .	677	787	811	835	761	777	650	832	793	780	770·3	819

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Jan. 6.	Jan. 13.	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.
TOTAL **Deaths** - - -	1617	1632	1628	1602	1423	1524	1320	1488	1423	1565	1475	1463	1641
Deaths under 5 years of age -	683	663	652	647	571	634	581	634	624	666	648	636	667
Deaths 5—20 - - -	102	110	114	113	88	102	91	92	96	123	96	98	132
Deaths 20—40 - - -	225	215	227	242	201	220	157	213	188	228	209	210	239
Deaths 40—60 - - -	266	283	264	253	241	230	219	261	234	244	218	205	264
Deaths 60—80 - - -	280	306	301	282	271	278	224	237	235	242	248	258	275
Deaths at 80 years & upwards	61	55	70	65	51	60	48	51	46	62	56	56	64
Deaths from Smallpox - -	91	90	93	90	52	68	48	53	52	49	42	48	55
„ „ Measles - -	67	51	60	41	32	40	30	52	41	52	40	66	63
„ „ Scarlet Fever -	24	23	34	19	32	31	16	32	21	29	19	19	22
„ „ Diphtheria -	3	3	6	7	4	3	6	2	5	8	3	6	4
„ „ Whooping-cough	92	115	115	98	115	88	99	97	95	111	111	102	118
„ „ Typhus fever -	2	4	7	7	1	4	3	3	3	5	7	7	3
„ „ Enteric (or Typhoid) fever -	26	25	35	14	16	15	20	15	12	10	16	19	16
„ „ Simple Cont[d] fever	12	12	6	7	9	8	6	14	6	9	6	5	7
„ „ Diarrhœa - -	7	3	10	12	6	13	11	8	10	12	16	15	9
„ „ Simple Cholera -	—	—	—	—	—	—	—	—	—	1	—	—	—
„ „ Phthisis - -	160	162	171	194	162	160	141	168	155	174	187	177	218
„ „ Bronchitis - -	273	278	262	259	197	193	163	158	168	181	197	203	225
„ „ Pneumonia -	97	96	75	88	82	80	57	78	82	107	82	87	110
„ „ Heart Disease -	74	62	91	70	72	71	59	80	68	75	73	64	79
Mean Temperature of the Air	41°·5	40°·3	39°·1	42°·0	44°·4	46°·6	43°·8	44°·9	45°·6	48°·7	44°·6	38°·9	43°·5
Mean Temperature of the Water of the Thames -	40·5	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6
Humidity of the Air - -	84	90	89	92	85	87	86	85	86	80	80	85	88
Rain-fall in inches - -	1·19	0·71	0·54	1·18	0·04	0·20	0·11	0·34	0·17	0·07	0·02	1·00	0·79

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 30th day of March 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 30th Mar. 1872.	DEATHS registered during the Week ending 30th Mar. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	Ce me
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5199	4091	64·0	22·0	40·8	4·88	1·22	3
LONDON	77,997	3,312,591	42·5	2250	1641	60·5	26·1	43·5	6·39	0·79	2
PORTSMOUTH	9,513	115,455	12·1	53	60	58·0	24·8	42·0	5·56	1·01	2
NORWICH	7,472	81,105	10·9	52	39	58·5	28·5	41·9	5·50	1·62	4
BRISTOL	4,688	186,428	39·8	116	105	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	51	33	56·9	24·9	41·2	5·11	0·67	1
BIRMINGHAM	7,831	350,164	44·7	275	151	57·7	29·0	41·8	5·44	0·97	2
LEICESTER	3,200	99,143	31·0	60	58	60·0	23·5	43·0	6·11	0·88	2
NOTTINGHAM	1,996	88,225	44·2	58	45	57·1	24·1	41·5	5·28	0·54	1
LIVERPOOL	5,108	499,897	97·9	340	296	59·0	27·6	42·5	5·84	1·25	3
MANCHESTER	4,486	352,759	78·6	271	207	64·0	27·0	41·7	5·39	1·05	2
SALFORD	5,172	127,923	24·7	95	67	63·7	25·5	40·9	4·94	1·07	2
OLDHAM	4,167	84,004	20·2	56	51	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	83	102	—	—	—	—	—	
LEEDS	21,572	266,564	12·4	209	135	57·0	27·0	40·4	4·44	1·12	2
SHEFFIELD	22,830	247,847	10·9	223	141	60·0	28·0	41·0	5·00	1·48	3
HULL	3,562	124,976	35·1	75	57	62·0	25·0	40·6	4·77	1·22	3
SUNDERLAND	3,306	100,665	30·4	113	69	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	147	91	50·0	30·0	37·1	2·84	1·91	4
EDINBURGH	4,427	205,146	46·3	130	154	45·0	22·0	36·0	2·22	2·20	5
GLASGOW	5,063	489,136	94·8	381	322	47·0	24·0	37·0	2·78	0·86	2
DUBLIN	9,745	310,565	31·9	161	267	58·0	28·0	42·0	5·56	2·08	5

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 30th day of March 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	27	3348	774	635	163	94	48	14	204	56	26	100	195
LONDON	26	1641	320	339	55	63	22	4	118	26	9	46	98
PORTSMOUTH	27	60	6	11	7	4	–	2	–	2	–	–	3
NORWICH	25	39	7	12	9	–	–	–	1	2	1	1	1
BRISTOL	29	105	22	18	3	4	1	–	6	3	1	–	1
WOLVERHAMPTON	25	33	9	4	6	–	–	–	–	–	1	–	–
BIRMINGHAM	23	151	43	30	9	2	2	–	5	1	3	7	16
LEICESTER	31	58	22	12	8	3	–	–	–	–	–	1	1
NOTTINGHAM	27	45	14	7	5	–	–	–	1	2	–	–	4
LIVERPOOL	31	296	91	67	4	2	1	2	16	8	1	18	23
MANCHESTER	31	207	60	33	2	1	3	3	21	2	–	2	10
SALFORD	27	67	17	6	2	–	–	1	15	2	1	2	4
OLDHAM	32	51	17	12	1	2	–	–	4	–	–	1	1
BRADFORD	35	102	24	14	1	5	3	1	4	1	6	8	13
LEEDS	26	135	35	18	7	6	–	–	4	2	1	4	6
SHEFFIELD	30	141	32	14	32	1	7	1	1	2	1	4	6
HULL	24	57	14	10	4	–	–	–	5	–	–	1	1
SUNDERLAND	36	69	20	10	3	1	8	–	–	3	–	3	4
NEWCASTLE-ON-TYNE	36	91	21	18	5	–	1	–	3	–	1	2	3
DUBLIN	44	267	29	64	67	3	4	–	–	5	3	6	4

TABLE 5.—DEATHS in LONDON Registered in the THIRTEENTH Week of the Year 1872.

JSES OF DEATH.	Average in the Thirteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 30, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.						
Mean Temperature	° 43·4	° 43·5	0–5.	5–20.				
L CAUSES	1567·1	1641	667	132	239	264	275	64
ECIFIED CAUSES	1549·8	1632	665	132	238	262	271	64
MOTIC DISEASES.								
ORDER 1.								
all-pox	34·8	55	19	23	7	5	1	–
asles	32·0	63	57	6	–	–	–	–
rlet Fever (Scarlatina)	41·5	22	17	5	–	–	–	–
phtheria	8·9	4	3	1	–	–	–	–
nsy	1·5	1	–	–	1	–	–	–
up	18·4	16	15	1	–	–	–	–
ooping-cough	68·0	118	114	4	–	–	–	–
phus	52·9	3	–	1	7	1	1	–
ceric or Typhoid Fever		16	1	5		–	2	1
aple continued Fever		7	2	4	1	–	–	–
rysipelas	8·2	3	1	–	1	1	–	–
erperal Fever (Metria)	5·6	2	–	–	1	1	–	–
buncle	·9	–	–	–	–	–	–	–
luenza	1·1	1	–	–	–	–	1	–
sentery	1·1	3	1	1	1	–	–	–
rrhœa	13·9	9	8	–	–	–	1	–
aple Cholera	·1	–	–	–	–	–	–	–
ie	·3	–	–	–	–	–	–	–
nittent Fever	·8	–	–	–	–	–	–	–
eumatism	8·4	9	–	2	6	1	–	–
er *Zymotic* Diseases	·2	–	–	–	–	–	–	–
ORDER 2.								
philis	6·6	4	2	–	2	–	–	–
icture of Urethra	1·4	1	–	–	–	1	–	–
drophobia	–	–	–	–	–	–	–	–
nders	–	–	–	–	–	–	–	–
ORDER 3.								
vation	1·3	–	–	–	–	–	–	–
nt of Breast-milk	6·7	5	5	–	–	–	–	–
rpura and Scurvy	2·6	2	2	–	–	–	–	–
a Del. Tremens	2·1	1	–	–	–	1	–	–
b Intemperance	1·1	2	–	–	1	–	1	–
ORDER 4.								
rush	1·5	1	1	–	–	–	–	–
rms, &c.	·3	1	–	–	1	–	–	–
STITUTIONAL DIS.								
ORDER 1.								
ut	2·6	5	–	–	–	2	2	1
opsy	15·4	16	3	2	–	5	5	1
ncer	29·5	37	–	–	6	16	15	–
ncrum Oris (Noma)	·5	–	–	–	–	–	–	–
rtification	5·2	2	–	–	–	–	1	1
ORDER 2.								
pfula	9·8	5	3	1	–	1	–	–
es Mesenterica	16·9	24	23	–	1	–	–	–
thisis	180·4	218	11	17	110	65	14	–
drocephalus	39·0	31	26	5	–	–	–	–
OCAL DISEASES.								
ORDER 1.								
phalitis	16·1	20	15	5	–	–	–	–
oplexy	38·7	33	1	2	2	8	16	4
alysis	34·5	28	–	1	1	7	18	1
anity	2·4	1	–	–	–	1	–	–
rea	·3	–	–	–	–	–	–	–
lepsy	8·5	9	1	1	3	1	2	1
nvulsions	64·8	58	56	2	–	–	–	–
in Disease, &c.	22·3	12	1	–	1	4	6	–
ORDER 2.								
ticarditis	3·0	4	2	1	–	1	–	–
eurism	3·4	3	–	–	2	–	1	–
art Disease, &c.	68·8	79	–	8	12	24	34	1
ORDER 3.								
ngitis	12·5	14	13	–	–	–	1	–
nchitis	205·3	225	80	3	8	42	73	19
trisy	3·1	5	1	–	3	–	1	–
umonia	95·7	110	70	5	12	12	8	3
oma	15·5	6	–	–	–	5	1	–
g Disease, &c.	15·2	19	10	1	1	3	3	1
ORDER 4.								
stritis	1·2	3	–	1	2	–	–	–
eritis	5·7	5	–	1	1	1	1	1
tonitis	3·4	6	1	1	4	–	–	–
tes	2·3	1	–	–	–	1	–	–
ration of Intestines	3·1	6	–	1	2	3	–	–
nia	3·1	4	–	–	–	2	2	–
	2·8	2	–	–	–	–	1	1
ssusception	1·0	3	1	–	–	2	–	–

CAUSES OF DEATH.	Average in the Thirteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, March 30, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.						
Mean Temperature	° 43·4	° 43·5	0–5.	5–20.				
9. Stricture of Intestines	·8	2	–	–	2	–	–	–
10. Fistula	·4	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	6·3	10	–	1	2	3	3	1
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–
13. Hepatitis	4·3	4	1	–	2	–	–	1
14. Jaundice	3·1	3	1	–	–	1	1	–
15. *Liver Disease, &c.*	16·1	16	–	–	2	8	6	–
16. *Spleen Disease, &c.*	·7	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis	1·5	–	–	–	–	–	–	–
2. Ischuria	·6	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	11·2	18	–	2	3	6	6	1
4. Diabetes	2·6	2	–	1	–	1	–	–
5. Calculus (Stone)	·5	–	–	–	–	–	–	–
6. Cystitis	1·3	–	–	–	–	–	–	–
7. *Kidney Disease, &c.*	8·6	9	–	1	1	7	–	–
ORDER 6.								
1. Ovarian Dropsy	·7	1	–	–	–	1	–	–
2. *Uterus Disease, &c.*	3·5	8	–	–	3	4	1	–
ORDER 7.								
1. Synovitis (Arthritis)	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	5·3	6	–	3	1	–	2	–
ORDER 8.								
1. Phlegmon	2·9	3	–	1	1	1	–	–
2. Ulcer	·9	1	–	–	–	1	–	–
3. *Skin Disease, &c.*	·5	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth	19·3	17	17	–	–	–	–	–
2. Cyanosis	3·6	2	1	–	1	–	–	–
3. Spina Bifida	1·0	1	1	–	–	–	–	–
4. Other Malformations	2·0	–	–	–	–	–	–	–
5. Teething	20·0	17	17	–	–	–	–	–
ORDER 2.								
1. Paramenia	·3	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	5·5	8	–	1	6	1	–	–
ORDER 3.								
1. Old Age	58·9	55	–	–	–	–	31	24
ORDER 4.								
1. Atrophy and Debility	61·5	59	51	–	1	2	5	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·1	21	1	4	7	6	2	1
2. Wounds: Gunshot	·3	–	–	–	–	–	–	–
2. Wounds: Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds	8·0	4	1	3	–	–	–	–
4. Poison	·9	–	–	–	–	–	–	–
5. Drowning	4·8	7	–	2	4	1	–	–
6. Suffocation	10·0	7	6	–	–	–	1	–
7. Otherwise	2·5	3	1	1	–	1	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·2	1	–	1	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds: Gunshot	·2	–	–	–	–	–	–	–
1. Wounds: Cut, Stab	1·4	1	–	–	–	–	1	–
2. Poison	·5	1	–	–	1	–	–	–
3 Drowning	·7	1	–	–	1	–	–	–
4 Hanging	1·7	–	–	–	–	–	–	–
5. Otherwise	·7	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging	–	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	2·3	2	–	–	–	1	1	–
Causes not specified or ill-defined	15·0	7	2	–	1	1	3	–

s.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2250	1641	320	339	55	63	22	4	118	3	16	7	9	46	98
WEST DISTRICTS	561,189	345	262	36	79	1	12	3	–	14	1	4	–	2	8	16
NORTH DISTRICTS	751,668	475	358	67	72	29	17	4	2	21	–	3	2	–	6	12
CENTRAL DISTRICTS	333,887	213	202	39	30	4	11	1	–	19	–	2	–	1	6	14
EAST DISTRICTS	638,928	509	366	81	64	12	14	3	–	28	2	1	2	1	14	31
SOUTH DISTRICTS	966,132	708	453	97	94	9	9	11	2	36	–	6	3	5	12	25
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	42	18	6	2	–	3	1	–	1	–	1	–	–	–	1
St. John Paddington H	38082	15	16	–	7	–	–	–	–	–	–	1	–	–	–	–
Kensington Town *WL*	91583	79	48	3	16	–	1	2	–	2	–	1	–	–	–	–
Brompton H	28651	16	10	1	2	–	1	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	4	2	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	31	16	1	9	–	1	–	–	–	–	–	–	–	2	4
Fulham *WLLLL*	23378	15	12	2	1	–	–	–	–	1	–	–	–	–	2	2
Chelsea South HH	28419	12	14	2	6	–	–	–	–	1	–	–	–	–	–	–
Chelsea North-west H*Ww*	23278	15	23	–	8	–	1	–	–	2	–	–	–	–	1	2
Chelsea North-east L	21389	13	10	1	3	–	–	–	–	2	–	–	–	–	2	4
Hanover Square	18700	3	5	–	2	–	–	–	–	1	–	–	–	–	–	–
May Fair *W*	13020	2	4	–	2	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	33	24	3	10	–	4	–	–	–	–	1	–	–	–	–
St. John Westminster HHH	38470	24	9	2	2	–	–	–	–	–	–	–	–	–	–	–
St. Margaret Westminster *WW*HH	27640	18	25	5	5	–	1	–	–	1	1	–	–	1	1	2
St. James's Square	10453	5	3	–	–	–	–	–	–	1	–	–	–	–	–	–
Golden Square *W*	12855	7	8	1	2	–	–	–	–	1	–	–	–	–	–	1
Berwick-street	10279	7	6	2	1	1	–	–	–	1	–	–	–	1	–	–
St. Anne Soho HH	17555	4	9	1	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	12	18	2	2	–	1	–	1	1	–	–	–	–	3	4
Cavendish Square	15419	4	6	1	2	–	–	–	–	1	–	–	1	–	–	–
Rectory Marylebone *WH*	26387	19	21	–	5	–	1	–	–	1	–	–	–	–	–	1
St. Mary Marylebone H	21795	21	7	–	1	–	–	–	–	1	–	–	–	–	–	–
Christchurch Marylebone	33892	26	17	3	5	–	3	–	–	2	–	–	–	–	1	2
St. John Marylebone	33110	20	14	4	1	–	–	–	–	2	–	–	–	–	–	–
Hampstead *W*HH	32271	13	21	4	3	9	1	–	–	1	–	–	–	–	–	1
Regent's Park Pancras	38192	30	11	1	2	–	–	3	–	1	–	1	–	–	–	–
Tottenham-court *w*H	29360	16	9	3	1	–	1	–	–	–	–	–	–	–	–	–
Gray's Inn Lane H	29216	16	9	–	3	1	–	–	–	–	–	–	–	–	1	1
Somers Town	38562	31	19	4	4	1	–	–	–	–	–	–	1	–	1	3
Camden Town *W*	18066	9	15	1	7	–	–	–	–	–	–	–	–	–	–	–
Kentish Town *W*	68198	50	32	10	8	1	1	–	–	1	–	–	–	–	–	–
Islington West HHH	97801	65	35	6	4	3	1	1	–	2	–	1	–	–	–	–
Islington East *Ww*H	115948	67	61	14	9	3	6	–	1	6	–	–	–	–	–	–
Stoke Newington L	9810	6	5	1	–	1	1	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	20	14	2	5	2	1	–	–	–	–	–	–	–	–	–
Hackney *Ww*HHL	50087	29	27	8	5	8	–	–	–	2	–	–	–	–	–	–
South Hackney L	30305	16	15	2	5	–	–	–	–	–	–	1	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	9	1	3	–	–	–	–	1	–	–	–	1	–	–
St. Giles South *W*H	19089	14	17	4	3	–	2	–	–	1	–	–	–	–	1	–
St. Giles North	16497	13	5	3	–	–	1	–	–	1	–	–	–	–	–	–
Long Acre	11326	12	6	1	1	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	2	6	–	1	–	–	–	–	–	–	–	–	–	2	2
St. Mary-le-Strand	9376	7	4	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	3	10	1	1	–	1	–	–	–	–	–	–	–	1	–
St. George-the-Martyr HHH	20521	9	12	–	1	–	–	–	–	2	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	12	15	4	1	–	–	–	–	1	–	–	–	–	–	–
Saffron Hill	9051	6	2	2	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	19	7	3	1	–	–	–	–	1	–	–	–	–	1	2
Amwell Clerkenwell	16878	10	12	4	1	–	–	–	–	4	–	–	–	–	–	3
Pentonville	13293	9	9	1	1	1	1	–	–	2	–	1	–	–	–	–
Goswell-street	16220	7	12	1	2	–	1	1	–	1	–	–	–	–	–	–
Old-street H	12156	4	5	1	1	–	1	–	–	1	–	–	–	–	–	–
City-road *W*HHL	18291	28	8	2	–	–	3	–	–	1	–	–	–	–	–	–
Whitecross-street	13790	8	6	2	–	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	2	2	1	–	–	–	–	–	2	–	–	–	–	–	–
St. Botolph East London HH	14484	8	10	–	4	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	8	10	3	1	1	1	–	–	1	–	–	–	–	–	1
St. Sepulchre H	7562	6	16	1	1	2	–	–	–	–	–	–	–	–	1	2
St. Bride *W*	11184	8	8	2	2	–	–	–	–	–	–	1	–	–	–	2
Castle Baynard	4389	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	–	3	1	2	–	–	–	–	–	–	–	–	–	–	1
Allhallows Barking	5694	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	3	4	–	1	–	–	–	–	–	–	–	–	–	–	1

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

r, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district day, 30th March 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
East Districts.																	
well Shoreditch	12429	5	9	4	–	1	–	1	–	1	–	–	–	–	–	–	–
conard Shoreditch HL†	16545	14	7	2	3	–	–	–	–	2	–	–	–	–	–	–	2
on New Town *w*	27832	27	13	3	4	–	–	–	–	1	–	–	–	–	–	–	3
on Old Town	26944	22	15	4	2	1	–	1	–	–	–	–	–	–	2	4	–
erstone West *W*	24153	20	14	4	3	–	–	–	–	3	–	–	–	–	1	3	3
erstone East	19257	13	6	1	3	–	–	–	–	–	–	–	–	–	–	–	–
ney-road	29808	35	21	6	2	–	1	–	–	3	–	–	–	1	–	–	–
, Bethnal Green *WHL*†	42443	47	40	10	10	2	4	–	–	3	–	–	1	–	3	8	18
h, Bethnal Green	26574	23	15	5	1	–	–	–	–	3	–	–	–	–	1	2	–
, Bethnal Green	21375	19	14	2	2	–	1	–	–	–	–	1	–	–	–	1	–
ery Whitechapel	6651	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
fields	15844	8	3	–	–	2	–	–	–	–	–	–	–	–	–	–	–
End New Town *W*	15550	14	16	4	2	–	–	–	–	1	1	–	–	–	–	1	6
chapel North	11434	8	5	–	–	1	–	–	–	–	–	–	–	–	–	1	–
chapel Church H	7323	7	14	–	3	–	–	–	–	–	–	–	–	–	6	6	14
man's Fields	10381	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
te	9149	5	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ary St. George East	17906	8	10	3	1	–	–	–	–	1	–	–	1	–	–	1	–
ul St. George East	21356	10	8	3	–	–	–	–	–	–	–	–	–	–	–	–	–
hn St. George East *W*	8973	3	3	1	–	–	–	–	–	–	–	–	–	–	–	–	1
well	11623	5	4	1	1	–	–	–	–	–	–	–	–	–	–	1	–
ff H	15930	6	7	1	1	–	–	1	–	2	–	–	–	–	–	–	1
house *W*	30025	26	7	2	2	–	–	–	–	–	–	–	–	–	–	–	–
End Old Town West	38126	32	16	5	4	–	1	–	–	1	–	–	–	–	–	–	–
End Old Town East *WwH*	55020	40	30	3	8	–	1	–	–	1	–	–	–	–	1	1	4
WwwHL†	67777	59	51	10	9	–	4	–	–	3	1	–	–	–	–	2	17
r *WW*	48500	41	29	6	2	5	2	–	–	3	–	–	–	–	–	–	1
South Districts.																	
tchurch Southwark *W*	14547	19	9	3	2	–	1	–	–	1	–	–	–	–	–	–	3
aviour Southwark H	15667	7	3	1	–	–	–	–	–	–	–	–	1	–	–	–	1
-road	20430	12	9	2	2	–	–	–	–	–	–	–	–	–	–	–	–
ugh-road *WH*	16694	23	5	2	–	–	–	–	–	–	–	–	–	–	1	1	–
on-road L	18959	10	7	3	1	–	–	–	–	1	–	–	–	–	–	1	–
ty Newington	23673	17	8	1	–	–	–	2	–	2	–	–	1	–	–	–	–
eter Walworth *W*	48232	59	25	8	3	2	–	–	–	–	–	–	–	–	–	–	–
lary Newington	16786	12	7	2	–	–	–	–	–	–	–	1	–	–	–	–	–
lave Southwark H	4157	2	10	3	–	–	–	–	–	–	–	–	–	–	2	2	8
ohn Horsleydown *W*	10595	3	6	–	3	–	–	–	–	–	–	–	–	–	–	1	1
ner Market	16785	13	13	2	1	–	–	–	–	2	–	–	–	–	–	–	–
lary Magdalen *W*	15707	14	12	1	5	1	–	–	–	–	–	1	1	–	–	1	2
ames Bermondsey	47921	40	17	6	1	1	–	–	1	4	–	–	–	–	–	–	–
erhithe *W*	25873	17	10	2	1	1	–	–	–	1	–	–	–	–	–	–	1
erloo-road 1st H	14086	6	8	2	2	–	–	1	–	1	–	1	–	1	1	1	–
erloo-road 2nd H	18453	18	9	2	3	–	1	–	–	–	–	–	–	–	–	1	–
beth Church 1st H	19470	13	25	5	4	–	–	–	–	4	–	–	–	–	1	2	8
beth Church 2nd *W*	35831	33	30	7	8	1	–	–	–	4	–	–	–	–	–	1	11
nington 1st *W*	41284	20	13	4	3	–	–	–	–	2	–	1	–	–	–	–	–
nington 2nd	31213	18	12	2	4	1	2	–	–	2	–	–	–	–	–	–	–
ton HL	35431	31	13	3	3	1	–	–	–	–	–	–	–	–	–	–	1
wood *W*	12534	19	4	2	–	–	–	–	1	–	–	–	–	–	–	–	–
ham HL	27348	15	10	3	3	–	2	–	–	–	–	–	–	–	–	–	–
ersea *W*	53988	43	27	4	4	–	–	1	–	2	–	1	–	1	–	–	5
dsworth HL	19797	11	4	2	1	–	–	–	–	–	–	–	–	2	–	–	–
ey	9438	4	4	–	1	–	–	2	–	–	–	–	–	–	–	–	–
tham	14479	7	5	2	–	–	–	–	–	1	–	1	–	–	–	–	–
wich	4041	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
berwell *WL*†*L*†	31251	13	27	4	9	–	2	1	–	3	–	–	–	–	–	–	8
ham *W*	42159	28	12	1	5	–	–	1	–	1	–	–	–	–	–	–	–
George Camberwell	33851	23	17	3	2	–	–	–	–	4	–	–	–	–	–	–	–
Paul Deptford	53696	39	19	2	5	–	–	–	–	–	–	–	–	–	2	7	–
Nicholas Deptford	6487	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nwich West	21098	11	12	2	2	–	1	–	–	–	–	–	–	–	1	2	–
nwich East *WH*	19320	13	10	2	4	–	–	–	–	–	–	–	–	–	–	–	4
am	4528	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	16430	11	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
nham	11508	8	5	–	5	–	–	–	–	–	–	–	–	–	–	–	3
	19016	11	8	3	1	–	–	1	–	–	–	–	–	–	1	1	–
lton H	9503	5	4	–	–	–	–	–	–	–	–	–	–	–	–	–	2
lwich Dockyard	17229	11	7	1	1	1	–	1	–	–	–	–	–	1	1	1	–
lwich Arsenal H	18319	14	10	2	2	–	–	1	–	1	–	–	–	–	1	1	–
nstead, West	13028	9	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
nstead, East *W*	15290	13	11	2	1	–	–	–	–	–	–	–	–	–	1	2	4

Following are Outlying Workhouses (indicated in the Tables by *w*):

t. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
he Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30th MARCH, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	24	..	29·487	42·4	30·6	11·8	33·8	32·6	89·8	27·8	45·3	42·0	1·2	5·3	0·0	— 8·4	95	ENE.	ENE.	0·6	0·0	0·0	171	0·00	..
MONDAY . .	25	Full. In Equator	29·372	45·5	27·2	18·3	35·1	30·4	90·3	21·5	45·3	42·0	4·7	11·5	1·4	— 7·2	83	NE. & NNE.	N. & WSW.	1·2	0·0	0·1	173	0·01	..
TUESDAY .	26	..	29·397	45·3	26·1	19·2	35·2	28·5	106·7	20·2	43·6	39·2	6·7	11·7	1·0	— 7·3	76	WSW.	W. & SW.	1·1	0·0	0·1	259	0·01	..
WEDNESDAY	27	..	29·364	55·2	30·3	24·9	43·6	39·2	81·7	24·0	43·6	40·0	4·4	14·0	0·0	+ 0·7	84	SSW. & SSE.	SSW.	30·0	0·0	1·2	448	0·17	..
THURSDAY.	28	..	29·218	56·3	44·7	11·6	51·0	50·3	67·0	44·1	45·3	41·3	0·7	4·4	0·0	+ 7·8	98	SW.	SW.	30·0	0·6	3·3	698	0·34	..
FRIDAY . .	29	..	29·214	55·3	51·1	4·2	52·9	50·5	69·0	45·1	47·4	43·3	2·4	4·8	1·4	+ 9·3	92	SW.	SW.	10·5	0·0	0·9	408	0·21	..
SATURDAY.	30	..	29·125	60·5	49·5	11·0	52·8	49·1	89·0	43·9	47·8	43·5	3·7	8·2	1·8	+ 8·8	87	SSW.	SW.	1·6	0·0	0·1	174	0·05	..
MEANS . .		..	29·311	51·5	37·1	14·4	43·5	40·1	84·8	32·4	45·5	41·6	3·4	8·6	0·8	+ 0·5	88	NE. & SW.		..	..	..	Sum 2331	Sum 0·79	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. MARCH.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	24	No electricity was shown.	Overcast and foggy during the morning; fine, but partially cloudy throughout the afternoon; cloudless at night. Hoar frost at night.
MONDAY .	25	Weak negative at night.	Hoar frost in the morning and cloudless sky; generally cloudy during the afternoon and evening and a little snow fell; at night cloudless, with hoar frost.
TUESDAY .	26	Positive generally; negative occasionally.	In the morning cloudless, hoar frost: generally fine, but cloudy in the afternoon; cloudless at night. Snow or sleet fell at times.
WEDNESDAY	27	No electricity observed.	Overcast generally. Gale at night. Rain fell steadily from 7h. P.M. to midnight.
THURSDAY .	28	The insulating lamp was not burning.	Overcast. Strong wind. Rain fell frequently.
FRIDAY .	29	No electricity was shown.	Overcast till the afternoon, and rain fell from 10h. A.M. till 4h. P.M.; fine afterwards and partially cloudy.
SATURDAY .	30	No electricity was shown.	Overcast till the afternoon, and rain fell in the early morning; cloudy in the evening.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·60 in. at the beginning of the week to 29·36 in. by 9h. P.M. on the 25th; increased to 29·48 in. by 9h. P.M. on the 26th; decreased to 29·20 in. by 3h. P.M. on the 28th; increased to 29·26 in. by 9h. A.M. on the 29th; decreased to

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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No. 14. 1872. Vol. XXXIII.] Week ending Saturday, April 6. [Price 1*d*.

General Register Office, Somerset House,
8th April 1872.

United Kingdom.

During the week ending Saturday the 6th instant, 5348 *births* and 3690 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 33 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 30; the fatal cases of small-pox in Dublin, which had been 32 and 67 in the two previous weeks, were 44 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 25 per 1000; Portsmouth 17, Norwich 26, Bristol 29, Wolverhampton 24, Birmingham 23, Leicester 28, Nottingham 24, Liverpool 26, Manchester 30, Salford 38, Oldham 24, Bradford 28, Leeds 25, Sheffield 23, Hull 23, Sunderland 24, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 122 and 163, were 159 last week; of these, 65 occurred in London, 23 in Sheffield, 12 in Leicester, 9 in Hull, 8 each in Bristol and Leeds, 7 in Birmingham, 6 in Portsmouth, and 5 in Nottingham. The annual death-rate from this disease was equal to 6 per 1000 persons living in Leicester, 5 in Sheffield, 4 in Hull, 3 each in Nottingham and Portsmouth, and 2 each in Bristol, Norwich, Leeds, and Sunderland. This fatality showed a considerable increase in Leicester, while it had declined in Norwich and several of the other towns.

The deaths from whooping-cough in these eighteen towns, which had been 165 and 204 in the two previous weeks, were 168 last week.

London.

In London 2359 births and 1559 deaths were registered last week. After making due allowance for increase of population, the births were 57, and the deaths 91, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 23 and 26 per 1000, was 25 last week. The rate was 21 in the West, 28 in the North, 25 in the Central, 25 in the East, and 23 in the South groups of Districts.

The 1559 deaths included 65 from small-pox, 68 from measles, 23 from scarlet fever, 3 from diphtheria, 118 from whooping-cough, 24 from different forms of fever (of which 3 were certified as typhus, 19 as enteric or typhoid, and 2 as simple continued fever), and 7 from diarrhœa; thus to the seven principal diseases of the zymotic class 308 deaths were referred, against 260, 287, and 297 in the three preceding weeks. Whooping-cough is now the reigning epidemic; the fatal cases corresponded with the high number returned in the previous week: the deaths both from small-pox and measles showed a further increase. Measles caused most deaths in Paddington, Marylebone, Islington, and Poplar; scarlet fever in Paddington and Hackney; while the fatality from whooping-cough was general. Two deaths each were referred to enteric fever in St. Mary Paddington, Camden Town, Hackney, and Amwell sub-districts.

The deaths from small-pox, which in the three previous weeks had been 42, 48, and 55, further rose last week to 65, and exceeded by 23 the corrected average number in the corresponding week of the ten years 1862–71. In the four small-pox hospitals at Hampstead, Islington, Homerton, and Stockwell, 24 fatal cases were recorded, against 12, 14, and 19 in the three preceding weeks. Out of those institutions, five deaths were referred to this disease in Hackney, four in Poplar, three each in Bow and Waterloo Road Second, and two each in St. Mary Paddington, Kentish Town, Holywell, London Road (Southwark), Battersea, and Plumstead East sub-districts. A painter, aged 43 years, died in Buckingham

Mews, Kensington, of small-pox, but as the deceased had not been seen by a medical man previous to death the cause of death was uncertified.

The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 501 and 597, declined again last week to 505, and were 52 below the corrected average number in the corresponding week of the last ten years.

To different forms of violence 52 deaths were referred; 44 were the result of negligence or accident, including 10 from fractures and contusions, 8 from burns and scalds, 6 from drowning, one from poison, and no less than 14 of infants under one year of age from suffocation. The death from poison was of the wife of a bookbinder, aged 50 years, resulting from the intemperate use of opium in paregoric. Six cases of suicide, and one of infanticide, were registered during the week.

Two of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 48 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 7th instant; of these, one occurred in the City, and 47 in the Metropolitan Police Districts.

During the week 123 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 67 and 98 in the two preceding weeks; these showed a proportion of 8 per cent. upon the total deaths.

In the large Public Institutions 234 deaths were recorded, or 15 per cent. of the total deaths; of these 112 occurred in Workhouses and 117 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending the 12th ultimo were 385, and the mortality was at the annual rate of 25 per 1000. In Madras the 262 deaths in the week ending the 1st ultimo showed an annual death-rate equal to 32 per 1000 of the population.

Foreign Cities.

In Paris 884 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 25 per 1000 of the estimated population; 33 deaths were referred to typhoid or enteric fever, against 19 and 18 in the two previous weeks. In Brussels 81 deaths occurred in the week ending the 30th ultimo, and the annual death-rate was 23 per 1000. In Berlin during the week ending the 4th instant, 519 deaths were recorded, showing an annual rate of 33 per 1000; 27 deaths were referred to small-pox, against 22 in the previous week. In Rome 188 deaths were registered in the week ending the 24th ultimo, including 22 from small-pox, and the annual death-rate was 40 per 1000.

In the City of New York 591 deaths were registered in the week ending March 16th, and the equivalent annual rate of mortality was 33 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 in.; the highest reading was 30·31 in. on Saturday, and the lowest 29·16 in. on Sunday the 31st ultimo. The mean temperature of the *air* was 44°·7, or 0°·3 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each of the first three, while it was below the average on the last four days of the week; on Monday the mean was 50°·2, and 5°·6 above the average, while on Thursday it was only 40°·4, and showed a deficieney of 4°·8. The highest day temperature in the shade was 60°·1 on Sunday, and the lowest night temperature 32°·3 on Thursday; the entire range in the week was, therefore, 27°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 116°·6 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 4°·7. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 48°·5. The mean degree of *humidity* of the air was 84, complete saturation being represented by 100. The general direction of the *wind* was N.N.E. and S.W., and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on the first five days of the week, to the amount of ·47 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 40°·1 in Hull, to 44°·5 in Portsmouth; the lowest recorded night temperature was 30°·0 in both Manchester and Salford, and the highest day temperature in the shade 61°·0 in Leeds. Rain was measured last week in each of these towns, and the amounts varied from 1·91 in. in Birmingham, to ·39 in Portsmouth,

In Centigrade degrees the mean temperature of the air at Greenwich was 7°·1, or 0°·2 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 15°·6, the lowest night temperature 0°·2, and the highest temperature in the sun 47°·0. The wind blew at the rate of 19 kilometres an hour, and the rain-fall measured 1·19 centimetres.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 281,458 cubic metres, and at Barking 307,856 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FOURTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	2095	1972	2013	2208	2274	2340	2375	2225	2358	2100	2196·0	2359
Males . .	1085	955	1018	1113	1175	1158	1192	1133	1207	1095	1113·1	1193
Females .	1010	1017	995	1095	1099	1182	1183	1092	1151	1005	1082·9	1166
Total Deaths	1299	1475	1501	1680	1574	1453	1346	1550	1631	1493	1500·2	1559
Males .	674	795	768	857	809	752	658	829	859	760	776·1	801
Females .	625	680	733	823	765	701	688	721	772	733	724·1	758

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Jan. 13.	Jan. 20	Jan. 27.	Feb. 3	Feb. 10	Feb. 17.	Feb. 24	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.
Total Deaths - - -	1632	1628	1602	1423	1524	1320	1488	1423	1565	1475	1463	1641	1559
Deaths under 5 years of age -	663	652	647	571	634	581	634	624	666	648	636	667	698
Deaths 5—20 - - -	110	114	113	88	102	91	92	96	103	96	98	132	95
Deaths 20—40 - - -	215	227	242	201	220	157	213	188	228	209	210	239	171
Deaths 40—60 - - -	283	264	253	241	230	219	261	234	244	218	205	264	261
Deaths 60—80 - - -	306	301	282	271	278	224	237	235	242	248	258	275	285
Deaths at 80 years & upwards	55	70	65	51	60	48	51	46	62	56	56	64	49
Deaths from Small-pox - -	90	93	90	52	68	48	53	52	49	42	48	55	65
„ „ Measles - -	51	60	41	32	40	30	52	41	52	40	66	63	68
„ „ Scarlet Fever -	23	34	19	32	31	16	32	21	29	19	19	22	23
„ „ Diphtheria -	3	6	7	4	3	6	2	5	8	3	6	4	3
„ „ Whooping-cough	115	115	98	115	88	99	97	95	111	111	102	118	118
„ „ Typhus fever -	4	7	7	1	4	3	3	3	5	7	7	3	3
„ „ Enteric (or Typhoid) fever -	25	35	14	16	15	20	15	12	10	16	19	16	19
„ „ SimpleContfever	12	6	7	9	8	6	14	6	9	6	5	7	2
„ „ Diarrhœa - -	3	10	12	6	13	11	8	10	12	16	15	9	7
„ „ Simple Cholera -	—	—	—	—	—	—	—	—	1	—	—	—	—
„ „ Phthisis - -	162	171	194	162	160	141	168	155	174	187	177	218	152
„ „ Bronchitis - -	278	262	259	197	193	163	158	168	181	197	203	225	216
„ „ Pneumonia -	96	75	88	82	80	57	78	82	107	82	87	110	83
„ „ Heart Disease -	62	91	70	72	71	59	80	68	75	73	64	79	73
Mean Temperature of the Air	40 3	39·1	42·0	44·4	46·6	48·8	44·9	45·6	48·7	44·6	38·9	43·5	44·7
Mean Temperature of the Water of the Thames -	38·7	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5
Humidity of the Air - -	90	89	92	85	87	86	85	86	80	80	85	88	84
Rain-fall in inches - -	0·71	0·54	1·18	·04	0·20	0 11	0·34	0·17	0·07	0·02	1·00	0·79	0·47

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 6th day of April 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 6th April 1872.	DEATHS registered during the Week ending 6th April 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	Ce me
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5348	3690	62·4	28·0	42·3	5·73	1·17	2
LONDON	77,997	3,312,591	42·5	2359	1559	60·1	32·3	44·7	7·06	0·47	1
PORTSMOUTH	9,513	115,455	12·1	75	38	57·8	30·6	44·5	6·95	0·39	0
NORWICH	7,472	81,105	10·9	52	40	56·5	32·0	42·8	6·00	1·30	3
BRISTOL	4,688	186,428	39·8	159	105	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	50	32	52·0	32·4	41·7	5·39	1·55	3
BIRMINGHAM	7,831	350,164	44·7	280	156	52·3	34·0	42·5	5·84	1·91	4
LEICESTER	3,200	99,143	31·0	88	54	54·2	34·0	42·1	5·62	1·26	3
NOTTINGHAM	1,996	88,225	44·2	59	41	60·6	32·8	43·3	6·28	1·45	3
LIVERPOOL	5,108	499,897	97·9	369	245	56·1	36·6	42·4	5·78	0·77	1
MANCHESTER	4,486	352,759	78·6	297	204	59·5	30·0	42·1	5·62	1·34	3
SALFORD	5,172	127,923	24·7	111	94	56·4	30·0	40·9	4·94	1·48	3
OLDHAM	4,167	84,004	20·2	55	39	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	81	82	59·6	32·6	42·2	5·67	1·83	4
LEEDS	21,572	266,564	12·4	191	129	61·0	34·0	42·3	5·73	1·60	4
SHEFFIELD	22,830	247,847	10·9	176	107	51·0	33·5	41·3	5·17	1·69	4
HULL	3,562	124,976	35·1	104	55	48·0	31·0	40·1	4·50	0·98	2
SUNDERLAND	3,306	100,665	30·4	60	47	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	98	65	—	—	—	—	—	
EDINBURGH	4,427	205,146	46·3	145	128	47·0	31·0	38·3	3·50	0·00	0
GLASGOW	5,063	489,136	94·8	383	289	—	—	—	—	—	
DUBLIN	9,745	310,565	31·9	156	181	62·4	28·0	44·8	7·11	0·63	1

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The populatio Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 6th day of April 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	25	3092	753	4	159	91	51	9	168	61	19	110	215
LONDON	25	1559	358	334	65	68	23	3	118	24	7	52	123
PORTSMOUTH	17	38	8	2	6	3	–	2	–	1	2	1	1
NORWICH	26	40	12	11	3	–	–	–	1	–	–	1	2
BRISTOL	29	105	20	35	8	2	2	–	3	–	1	5	10
WOLVERHAMPTON	24	32	8	8	1	–	1	–	1	1	–	–	–
BIRMINGHAM	23	156	42	31	7	–	4	2	7	1	2	12	16
LEICESTER	28	54	13	13	12	–	1	–	–	1	1	3	3
NOTTINGHAM	24	41	15	11	5	–	–	–	–	1	–	1	4
LIVERPOOL	26	245	68	63	1	3	5	1	8	8	–	15	18
MANCHESTER	30	204	47	35	3	–	6	1	7	4	1	4	11
SALFORD	38	94	23	12	1	–	1	–	9	3	–	1	6
OLDHAM	24	39	8	5	–	1	1	–	2	1	1	1	3
BRADFORD	28	82	26	10	2	5	–	–	1	4	1	2	–
LEEDS	25	129	39	23	8	6	2	–	2	3	2	3	7
SHEFFIELD	23	107	22	9	23	2	2	–	3	2	–	1	2
HULL	23	55	13	8	9	–	–	–	4	4	–	3	3
SUNDERLAND	24	47	14	7	3	–	3	–	–	2	1	–	–
NEWCASTLE-ON-TYNE	26	65	17	17	2	1	–	–	2	1	–	5	6
DUBLIN	30	181	20	45	44	2	5	–	–	5	1	3	4

TABLE 5.—DEATHS Registered in LONDON in the FOURTEENTH Week of the Year 1872.

ISES OF DEATH.	Average in the Fourteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 45·9	° 44·7						
L CAUSES – –	1500·2	1559	698	95	171	261	285	49
ECIFIED CAUSES	1487·4	1555	696	95	171	260	284	49
MOTIC DISEASES.								
ORDER 1.								
ll-pox – – –	38·6	65	27	16	14	8	–	–
asles – – –	35·2	68	63	5	–	–	–	–
rlet Fever (Scarlatina)	41·4	23	17	6	–	–	–	–
phtheria – –	7·6	3	3	–	–	–	–	–
nsy – –	1·0	–	–	–	–	–	–	–
up – –	15·5	15	14	1	–	–	–	–
ooping-cough –	66·6	118	113	5	–	–	–	–
hus – – –	50·1	3	–	1	1	–	1	–
eric or Typhoid Fever		19	7	2	7	3	–	–
ple continued Fever		2	2	–	–	–	–	–
sipelas – –	7·9	5	1	–	–	4	–	–
rperal Fever (Metria)	3·9	2	–	–	2	–	–	–
buncle – –	·3	–	–	–	–	–	–	–
uenza – –	·6	2	–	–	–	–	2	–
ntery – –	1·1	–	–	–	–	–	–	–
rrhœa – –	13·5	7	3	–	–	1	2	1
ple Cholera –	·4	–	–	–	–	–	–	–
le – – –	·6	–	–	–	–	–	–	–
nittent Fever –	·7	–	–	–	–	–	–	–
eumatism – –	7·6	15	2	3	3	4	3	–
er *Zymotic* Diseases	·1	–	–	–	–	–	–	–
ORDER 2.								
philis – –	6·7	7	5	–	–	1	1	–
icture of Urethra	·8	1	–	–	1	–	–	–
drophobia – –	–	–	–	–	–	–	–	–
nders – –	–	–	–	–	–	–	–	–
ORDER 3.								
vation – – –	·7	–	–	–	–	–	–	–
nt of Breast-milk	8·3	9	9	–	–	–	–	–
rpura and Scurvy	2·4	2	1	1	–	–	–	–
so- { *a* Del. Tremens	2·4	2	–	–	–	2	–	–
sm { *b* Intemperance	1·6	3	–	–	–	3	–	–
ORDER 4.								
rush – – –	2·7	2	2	–	–	–	–	–
rms, &c. – –	·2	–	–	–	–	–	–	–
STITUTIONAL DIS.								
ORDER 1.								
it – – –	2·0	5	–	–	–	3	2	–
opsy – – –	12·8	10	1	–	2	3	4	–
ncer – – –	29·2	32	–	–	1	17	14	–
ncrum Oris (Noma)	·8	–	–	–	–	–	–	–
rtification – –	4·0	5	–	–	1	–	4	–
ORDER 2.								
ofula – – –	7·6	7	4	–	2	1	–	–
es Mesenterica –	16·2	27	26	–	1	–	–	–
thisis – – –	180·9	152	12	15	66	50	9	–
drocephalus –	31·6	23	18	4	1	–	–	–
LOCAL DISEASES.								
ORDER 1.								
phalitis – –	17·8	16	9	4	1	2	–	–
oplexy – – –	34·6	55	8	–	5	24	17	2
ralysis – – –	30·2	29	1	–	1	6	19	2
anity – – –	2·7	2	–	–	–	–	2	–
orea – – –	·4	1	–	1	–	–	–	–
ilepsy – – –	9·7	7	–	2	1	3	1	–
nvulsions – –	57·1	53	50	1	–	1	1	–
ain Disease, &c. –	18·4	17	1	–	4	6	6	–
ORDER 2.								
rdiarditis – –	2·0	4	2	–	2	–	–	–
neurism – –	2·0	2	–	–	1	1	–	–
art Disease, &c. –	66·2	73	–	2	10	25	31	5
ORDER 3.								
ryngitis – –	12·1	13	13	–	–	–	–	–
onchitis – –	190·5	216	88	1	9	29	76	13
urisy – – –	2·5	5	–	1	1	1	2	–
eumonia – –	90·2	83	56	6	6	9	5	1
thma – – –	15·9	11	–	–	–	4	6	1
ng Disease, &c. –	14·6	25	11	1	2	7	4	–
ORDER 4.								
stritis – – –	1·5	2	1	–	–	1	–	–
steritis – – –	6·3	3	–	1	–	–	2	–
ritonitis – –	4·9	8	–	3	2	–	3	–
cites – – –	2·4	5	–	–	–	3	2	–
ceration of Intestines	1·6	2	1	–	–	1	–	–
rnia – (– –	3·7	5	1	–	1	2	1	–
is – – –	2·9	5	2	–	–	1	2	–
ussusception –	·8	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Fourteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 45·9	° 44·7						
9. Stricture of Intestines –	·8	2	–	–	1	–	1	–
10. Fistula – – –	·3	2	–	–	–	1	1	–
11. *Stomach Disease, &c.* –	4·8	2	–	–	1	1	–	–
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – –	3·5	3	1	–	–	–	2	–
14. Jaundice – – –	4·1	6	5	–	1	–	–	–
15. *Liver Disease, &c.* –	13·6	16	–	–	3	4	9	–
16. *Spleen Disease, &c.* –	·1	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·8	–	–	–	–	–	–	–
2. Ischuria – – –	·2	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	10·9	10	–	1	4	4	1	–
4. Diabetes – – –	1·2	1	–	1	–	–	–	–
5. Calculus (Stone) – –	·8	1	–	–	–	1	–	–
6. Cystitis – – –	·6	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* –	7·9	8	–	–	–	4	4	–
ORDER 6.								
1. Ovarian Dropsy – –	·5	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	4·3	6	–	1	1	2	2	–
ORDER 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	5·7	8	–	5	–	2	1	–
ORDER 8.								
1. Phlegmon – – –	2·4	1	–	–	–	–	1	–
2. Ulcer – – –	·9	1	–	–	–	–	–	1
3. *Skin Disease, &c.* –	1·6	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	22·4	23	23	–	–	–	–	–
2. Cyanosis – – –	1·9	3	3	–	–	–	–	–
3. Spina Bifida – –	1·8	–	–	–	–	–	–	–
4. Other Malformations –	1·5	2	2	–	–	–	–	–
5. Teething – – –	24·2	19	19	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·3	1	–	–	1	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·5	6	–	–	5	1	–	–
ORDER 3.								
1. Old Age – – – –	59·5	45	–	–	–	–	23	22
ORDER 4.								
1. Atrophy and Debility	61·6	59	48	–	–	2	9	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	14·2	10	–	–	2	3	5	–
2. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		3	–	1	–	1	1	–
3. Burns and Scalds – –	7·1	8	5	1	–	–	1	1
4. Poison – – –	·8	1	–	–	–	1	–	–
5. Drowning – – –	5·6	6	–	3	1	1	–	–
6. Suffocation – – –	9·2	16	14	–	–	2	–	–
7. Otherwise – – –	2·0	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·1	1	1	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot –	·3	1	–	–	–	1	–	–
1. Wounds { Cut, Stab –	1·2	2	–	–	1	1	–	–
2. Poison – – –	1·5	–	–	–	–	–	–	–
3. Drowning – – –	·8	1	–	–	–	1	–	–
4. Hanging – – –	1·8	1	–	–	–	1	–	–
5. Otherwise – – –	·3	1	–	–	1	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	1	–	–	1	–	–	–
Sudden Deaths (Cause unascertained) – – –	3·1	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	9·7	4	2	–	–	1	1	–

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2359	1559	358	334	65	68	23	3	118	3	19	2	7	52	123
WEST DISTRICTS	561,189	356	228	47	57	5	14	6	–	13	–	2	–	1	9	19
NORTH DISTRICTS	751,668	533	418	89	97	26	29	4	2	37	2	6	–	2	17	46
CENTRAL DISTRICTS	333,887	235	159	35	29	1	3	1	–	6	–	4	–	1	6	16
EAST DISTRICTS	638,928	518	314	83	59	13	13	4	1	30	1	4	–	–	8	24
SOUTH DISTRICTS	966,132	717	440	104	92	20	9	8	–	32	–	3	2	3	12	18
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	42	26	5	4	2	7	–	–	1	–	2	–	–	1	3
St. John Paddington H	38082	7	17	3	3	–	–	3	–	–	–	–	–	–	2	5
Kensington Town *WL*	91583	75	22	4	3	1	–	–	–	2	–	–	–	–	–	1
Brompton H	28651	15	10	1	3	–	–	1	–	1	–	–	–	–	–	–
St. Peter Hammersmith	6662	4	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	17	18	10	3	–	–	–	–	1	–	–	–	–	3	2
Fulham *WLLLL*	23378	24	12	2	7	–	–	–	–	1	–	–	–	–	–	–
Chelsea South HH	26419	17	11	2	2	1	1	–	–	–	–	–	–	–	1	3
Chelsea North-west *HWw*	23278	17	12	–	7	1	–	–	–	–	–	–	–	–	–	1
Chelsea North-east L	21389	13	7	1	–	–	1	–	–	–	–	–	–	–	–	2
Hanover Square	18700	5	4	–	4	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	14	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	37	32	5	6	–	3	1	–	4	–	–	–	–	1	1
St. John Westminster HHH	38470	32	16	4	4	–	1	1	–	–	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	9	10	2	3	–	–	–	–	–	–	–	–	–	1	1
St. James's Square	10453	2	5	3	–	–	–	–	–	1	–	–	–	–	–	–
Golden Square *W*	12855	9	9	2	2	–	1	–	–	2	–	–	–	1	–	–
Berwick-street	10279	5	4	1	2	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	12	7	1	2	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	13	20	2	6	–	3	–	–	–	–	1	–	–	1	3
Cavendish Square	15419	11	5	2	2	–	–	–	–	–	–	–	–	–	–	1
Rectory Marylebone *WH*	26387	31	29	4	5	–	2	–	1	4	–	–	–	–	–	–
St. Mary Marylebone H	21795	18	10	–	5	–	1	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	28	20	10	2	–	3	–	–	4	–	–	–	–	–	2
St. John Marylebone	33110	20	23	6	5	–	3	–	–	1	–	–	–	–	1	2
Hampstead *WHH*	32271	7	15	2	–	11	2	–	–	1	–	–	–	–	–	–
Regent's Park Pancras	38192	26	13	5	5	–	1	–	–	1	–	–	–	–	–	2
Tottenham-court *w*H	29360	13	15	–	6	1	–	–	–	1	–	–	–	2	1	1
Gray's Inn Lane H	29216	12	17	1	4	–	1	–	–	1	–	–	–	–	1	1
Somers Town	58562	20	10	1	2	–	–	–	–	1	–	–	–	–	1	1
Camden Town *W*	18666	20	13	2	7	–	1	–	–	–	–	2	–	–	–	1
Kentish Town *W*	68198	47	48	10	5	2	2	–	–	4	–	–	–	–	4	9
Islington West HHH	97801	88	45	11	10	–	2	–	1	6	–	–	–	–	5	11
Islington East *WwH*	115948	93	67	20	17	–	5	–	–	9	1	1	–	–	1	9
Stoke Newington L	9810	5	5	2	1	–	1	–	–	1	–	–	–	–	1	1
Stamford Hill	6599	6	2	–	1	1	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	20	20	3	6	3	2	2	–	1	–	–	–	–	1	1
Hackney *Ww*HHL	50087	35	29	4	6	6	–	–	–	2	1	2	–	–	–	–
South Hackney L	30305	20	12	4	2	2	–	2	–	–	–	–	–	–	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	12	2	1	1	–	–	–	–	–	–	–	–	–	–	1
St. Giles South *WH*	19089	28	14	–	4	–	2	–	–	–	–	–	–	–	1	4
St. Giles North	16497	13	6	2	1	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	5	3	–	–	–	–	–	–	–	–	1	–	–	–	–
Charing Cross H	9831	4	7	–	–	–	–	–	–	–	–	–	–	–	2	1
St. Mary-le-Strand	9376	2	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	10	9	1	2	–	–	–	–	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	20	13	3	3	–	–	–	–	1	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	6	11	1	3	–	–	–	–	1	–	–	–	1	–	–
Saffron Hill	9051	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	12	11	4	2	–	–	–	–	2	–	–	–	–	–	–
Amwell Clerkenwell	16878	15	10	3	2	–	–	–	–	–	–	2	–	–	–	1
Pentonville	13293	7	5	2	2	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	9	8	1	3	–	–	–	–	1	–	–	–	–	–	–
Old-street H	12156	17	4	1	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	18	7	4	–	–	–	–	–	–	–	–	–	–	1	1
Whitecross-street	13790	6	6	4	1	–	–	1	–	1	–	–	–	–	1	2
Finsbury	10732	7	9	3	–	1	–	–	–	–	–	–	–	–	–	3
St. Botolph East London HH	14484	10	4	1	–	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	8	4	1	–	–	–	–	–	–	–	1	–	–	–	1
St. Sepulchre H	7562	1	7	1	1	–	–	–	–	–	–	–	–	–	1	1
St. Bride *W*	11184	9	3	–	–	1	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	4	6	2	–	–	–	–	–	–	–	–	–	–	–	1

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, 6th April 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch - - - -	12429	8	6	3	1	2	1	-	-	2	-	-	-	-	-	1	2
eonard Shoreditch HL† - -	16545	16	13	1	8	1	-	-	-	3	1	-	-	-	-	-	2
on New Town *w* - - - -	27832	29	18	5	5	-	-	2	-	2	-	-	-	-	-	-	-
on Old Town - - - - -	26944	21	16	7	2	-	-	-	-	2	-	-	-	-	-	-	-
erstone West *W* - - - -	24153	32	15	4	2	1	-	-	-	-	-	-	-	-	-	-	5
erstone East - - - - -	19257	* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ney-road - - - - - -	29808	34	17	4	2	1	-	-	-	-	-	-	-	-	1	5	-
n, Bethnal Green *WHL*† -	42443	34	14	4	5	-	1	-	-	1	-	-	-	-	-	-	1
ch, Bethnal Green - - - -	26574	24	9	2	1	-	-	-	-	2	-	1	-	-	-	-	-
n, Bethnal Green - - - -	21375	16	14	4	1	-	-	-	-	4	-	1	-	-	-	-	-
lery Whitechapel - - - -	6651	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lfields - - - - - -	15844	7	4	1	-	-	1	-	-	1	-	-	-	-	-	-	-
End New Town *W* - - -	15550	4	6	-	1	-	1	-	-	-	-	-	-	-	-	-	-
echapel North - - - -	11434	6	4	1	-	-	-	-	-	2	-	-	-	-	1	1	15
echapel Church H - - -	7323	11	16	2	2	-	-	-	-	-	-	-	-	-	-	-	-
iman's Fields - - - -	10381	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ate - - - - - -	9149	5	4	-	3	-	1	-	-	-	-	-	-	-	-	-	-
Mary St. George East - - -	17906	20	6	2	1	-	1	-	-	-	-	-	-	-	-	2	-
Paul St. George East - - -	21356	18	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
ohn St. George East *W* - -	8973	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	2
well - - - - - -	11623	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
liff H - - - - - -	15930	20	8	1	-	-	-	-	-	2	-	-	-	-	-	-	1
house *W* - - - - -	30025	19	13	5	2	1	-	-	-	5	-	-	-	-	-	-	-
End Old Town West - - -	38126	37	21	6	3	-	-	-	-	2	-	-	-	-	2	3	-
End Old Town East *WwH* -	55020	50	24	6	4	-	-	2	1	-	-	-	-	-	1	4	1
WwwHL† - - - - -	67777	54	38	9	9	3	1	-	-	1	-	1	-	-	-	2	10
lar *WW* - - - - -	48500	30	38	14	3	4	6	-	-	1	-	1	-	-	3	5	2
SOUTH DISTRICTS.																	
istchurch Southwark *W* - -	14547	9	7	-	3	-	-	1	-	-	-	-	-	-	-	1	2
Saviour Southwark H - -	15667	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
t-road - - - - -	20450	10	8	1	1	1	-	-	-	-	-	-	-	-	-	-	1
ough-road *WH* - - - -	16694	9	10	3	2	-	-	-	-	-	-	-	-	-	-	-	1
don-road L - - - - -	18959	14	6	1	-	2	-	-	-	-	-	-	-	-	1	-	-
ity Newington - - - -	23673	20	14	3	2	-	-	-	-	2	-	-	-	-	-	-	-
Peter Walworth *W* - - -	48232	36	31	6	7	1	-	-	-	2	-	-	-	-	1	-	9
Mary Newington - - - -	16786	8	10	2	2	-	-	1	-	2	-	-	1	-	1	1	-
Olave Southwark H - - -	4157	4	15	-	3	-	-	-	-	-	-	-	-	-	2	2	12
John Horsleydown *W* - - -	10595	4	8	1	1	-	-	-	-	1	-	-	-	-	-	1	-
ther Market - - - - -	16785	11	13	5	1	-	-	-	-	-	-	-	-	-	-	-	4
Mary Magdalen *W* - - - -	15707	13	10	1	6	-	-	1	-	-	-	-	-	-	-	-	-
James Bermondsey - - - -	47921	42	12	5	3	-	-	-	-	1	-	-	-	-	1	1	-
berhithe *W* - - - - -	25873	24	14	2	6	1	-	-	-	1	-	-	-	1	2	3	3
terloo-road 1st H - - -	14086	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
terloo-road 2nd H - - -	18453	22	11	2	-	3	-	-	-	-	-	-	-	-	1	1	-
nbeth Church 1st H - - -	19470	13	13	2	1	-	-	-	-	2	-	-	-	-	2	2	8
nbeth Church 2nd *W* - - -	35831	43	22	6	2	-	2	1	-	4	-	1	-	1	-	1	5
nington 1st *W* - - - -	41284	24	9	2	2	-	-	-	-	1	-	-	-	-	-	-	-
nington 2nd - - - - -	31213	22	12	4	1	-	-	-	-	-	-	1	-	-	-	-	-
xton HL - - - - - -	35431	31	21	5	5	7	-	-	-	1	-	-	-	-	-	-	7
rwood *W* - - - - -	12534	4	5	2	1	-	-	-	-	-	-	-	-	-	-	2	-
pham HL - - - - - -	27348	23	12	4	3	-	1	-	-	2	-	-	-	1	1	1	-
terse *W* - - - - - -	53988	42	31	12	5	2	2	-	-	3	-	-	-	-	-	-	7
ndsworth HL - - - - -	19797	8	8	3	2	-	-	-	-	1	-	-	-	-	1	1	-
ney - - - - - - -	2438	7	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
eatham - - - - - -	14479	5	6	3	1	-	1	-	-	-	-	-	-	-	-	-	-
lwich - - - - - - -	4041	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
nberwell *WL*†L† - - -	31251	20	10	2	4	1	-	-	-	1	-	-	-	-	-	-	1
ckham *W* - - - - -	42159	30	13	2	2	-	-	1	-	-	-	1	1	-	-	1	-
George Camberwell - - -	33851	33	11	4	3	-	1	-	-	4	-	-	-	-	-	-	-
Paul Deptford - - - -	53696	38	16	4	2	-	1	-	-	1	-	-	-	-	-	-	-
Nicholas Deptford - - -	6487	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
enwich West - - - -	21098	16	7	-	3	-	-	1	-	-	-	-	-	-	-	-	-
enwich East *WH* - - - -	19320	14	12	3	3	-	-	-	-	2	-	-	-	-	-	-	6
ham - - - - - - -	4528	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
- - - - - - -	16430	7	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *W* - - - -	11508	12	3	2	-	-	-	1	-	1	-	-	-	-	-	-	-
enham - - - - - -	19016	12	7	-	4	-	-	1	-	-	-	-	-	-	-	-	-
rlton H - - - - - -	9503	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
olwich Dockyard - - - -	17229	11	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H - - - -	18319	11	10	3	1	-	1	-	-	-	-	-	-	-	-	-	-
mstead West - - - - -	13028	13	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
mstead East *W* - - - -	15290	11	9	1	1	2	-	-	-	-	-	-	-	-	-	-	2

* Registration was in abeyance during the week in Haggerstone East sub-district, owing to the resignation of the Registrar.

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Do. do. - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th APRIL, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MARCH.		..	in.	°	°	°	°	°	°	°	°	°	°	°	°						lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	31	..	29·363	60·1	42·5	17·6	50·1	43·2	116·6	40·0	49·0	45·0	6·9	15·0	2·9	+ 5·7	77	WSW.	WSW. & SW.	3·8	0·0	0·5	400	0·04	..
APRIL.																										
MONDAY .	1	Greatest Dec. S. Last Qr. Perigee	29·299	59·1	41·2	17·9	50·2	46·0	95·1	35·8	50·1	47·0	4·2	8·7	1·2	+ 5·6	85	SSE&SW	SSW.	2·3	0·0	0·2	245	0·05	..
TUESDAY .	2	..	29·258	52·8	38·3	14·5	45·0	44·6	74·0	38·2	51·2	48·4	0·4	4·8	0·0	+ 0·2	99	SSE.	W by S&NNW	3·7	0·0	0·3	269	0·28	..
WEDNESDAY	3	..	29·523	49·8	37·5	12·3	41·4	36·0	85·0	32·0	51·2	48·0	5·4	11·8	3·2	— 3·6	81	NNW& N	NNE.	2·4	0·0	0·4	329	0·03	..
THURSDAY .	4	..	29·754	49·2	32·3	16·9	40·4	35·5	76·3	25·0	49·9	46·7	4·9	12·4	1·1	— 4·8	83	W. & NW.	NW.&NE	3·4	0·0	0·4	348	0·07	..
FRIDAY .	5	..	30·185	54·8	35·2	19·6	43·3	38·7	111·5	28·5	50·2	47·0	4·6	14·6	1·8	— 2·1	84	NE.&NNE.	NE. & E.	0·7	0·0	0·1	212	0·00	..
SATURDAY .	6	..	30·288	47·8	38·8	9·0	42·2	35·4	81·4	36·7	49·1	46·0	6·8	9·7	4·4	— 3·2	77	NNE.	NNE. & ESE.	0·8	0·0	0·1	230	0·00	..
MEANS . .		..	29·667	53·4	38·0	15·4	44·7	39·9	91·4	33·7	50·1	46·9	4·7	11·0	2·1	— 0·3	84	NNE. & SW.		..	..	..	Sum 2033	Sum 0·47	..	
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
MARCH.			
SUNDAY .	31	Positive, with weak tension generally.	Cloudy and windy in the morning and afternoon; rain also fell in the latter part of the day. Variable at night.
APRIL.			
MONDAY .	1	No electricity shown.	Rain fell in early morning, and occasionally during the day. Cloudy, but generally fine.
TUESDAY .	2	Strong negative, with sparks, about 11h. A.M.; strong positive about 1h. P.M.	Rain fell frequently, and at times heavily. Overcast throughout.
WEDNESDAY	3	No electricity was shown.	Cloudy till 7h. P.M. Cloudless after 8h. P.M. Rain fell in early morning, and occasionally in the afternoon.
THURSDAY .	4		Cloudy and dull throughout. Occasional rain.
FRIDAY .	5	Positive, increasing in tension at night.	Very fine in early morning; the amount of cloud variable till noon. Overcast in afternoon and evening.
SATURDAY .	6	Positive, with variable tension.	Overcast till 8h. P.M. Cloudless after that time; a very fine night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·16 in. at the beginning of the week to 29·49 in. by midnight on the 31st of March; decreased to 29·20 in. by noon on the 2d of April; increased to 30·31 in. by 9h. A.M. on the 6th; decreased to 30·27 in. by 3h. P.M. on the same day, and was 30·31 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
15th April 1872.

United Kingdom.

During the week ending Saturday the 13th instant, 5800 *births* and 3712 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The aggregate mortality from all causes in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 31 per 1000 persons living, in Glasgow 33 per 1000, and in Dublin 42 ; the fatal cases of small-pox in Dublin, which had been 67 and 44 in the two previous weeks, rose to 83 last week, and were equal to an annual death-rate of 14 per 1000.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 23 per 1000; Portsmouth 22, Norwich 24, Bristol 25, Wolverhampton 25, Birmingham 20, Leicester 25, Nottingham 28, Liverpool 25, Manchester 30, Salford 31, Oldham 30, Bradford 34, Leeds 31, Sheffield 30, Hull 20, Sunderland 21, and Newcastle-upon-Tyne 25. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 163 and 159, further decreased last week to 131 ; of these, 49 occurred in London, 14 in both Leeds and Leicester, 11 in Sheffield, 9 in Portsmouth, 7 in Norwich, 6 in Birmingham, and 4 each in Bristol, Nottingham, and Hull. The annual death-rate from this disease was equal to 7 per 1000 persons living in Leicester, 5 in Norwich, 4 in Portsmouth, 3 in Leeds, and 2 each in Nottingham, Sheffield, and Hull ; this fatality showed an increase in Portsmouth, Norwich, Leicester, and Leeds, while it had considerably declined in Sheffield.

London.

In London 2574 births and 1470 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 259, while the deaths were 170 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 26 and 25 per 1000, further declined last week to 23. The rate was 21 in the West, 23 in the North, 24 in the Central, 24 in the East, and 23 in the South groups of Districts.

The 1470 deaths included 49 from small-pox, 66 from measles, 26 from scarlet fever, 6 from diphtheria, 100 from whooping-cough, 18 from different forms of fever (of which 2 were certified as typhus, 12 as enteric or typhoid, and 4 as simple continued fever), and 10 from diarrhœa ; thus to the seven principal diseases of the zymotic class 275 deaths were referred, against numbers increasing steadily from 260 to 308 in the four preceding weeks. Whooping-cough continues fatally prevalent, although the deaths referred thereto declined from 118 in each of the two previous weeks to 100 ; seven fatal cases were returned in Islington East, and four each in Kensington Town, Hackney, St. Botolph, Mile End Old Town Western, and St. James (Bermondsey) sub-districts. The fatality from measles was excessive in Marylebone and Kentish Town. The deaths referred to different forms of fever showed a considerable decline upon those in recent weeks, and were so many as 40 below the corrected average number in the corresponding week of the last ten years.

The deaths from small-pox, which in the four previous weeks had steadily increased from 42 to 65, declined last week to 49, of which 13 were recorded in the special small-pox hospitals, against 19 and 24 in the two preceding weeks. In the East Districts, 22 of the 49 deaths from small-pox were returned, including nine in Poplar, and three in Bow sub-districts ; the disease is very fatally prevalent in Poplar, and 4 of the 9 were unvaccinated cases.

The mean temperature last week was 51°·4 and 6°·3 above the average ; an excess was shown on each day, and on Friday the mean was 57°·5, the highest

in the shade 69°·9, and the thermometer in the sun rose to 133°·7; this is equal to midsummer heat.

The deaths referred to diseases of the respiratory organs, including phthisis, were 458 last week, against 597 and 505 in the two preceding weeks. In the ten weeks ending last Saturday 1722 deaths were referred to phthisis in London, or 215 less than the corrected average number in the corresponding period of the last ten years; these deaths were equal to an annual rate of 2·7 per 1000 persons living. In Paris in the same ten weeks phthisis caused 1566 deaths, or equal to a death-rate of 4·5 per 1000 of the present estimated population, which is probably in excess of the correct number.

To different forms of violence 50 deaths were referred; 41 were the result of negligence or accident, including 17 from fractures and contusions, 7 from burns and scalds, 6 from drowning, 8 from suffocation, and one from poison; 7 of the deaths from suffocation were of infants under one year of age, and the other was of a boiler maker, in Poplar Hospital, resulting from "inhaling chloroform." Six cases of suicide, and one each of murder, infanticide, and manslaughter, were registered during the week.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 68 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 14th instant; of these, 5 occurred in the City, and 63 in the Metropolitan Police Districts.

Indian Cities.

In Bombay the deaths registered during the week ending the 19th ultimo were 405, and the mortality was at the annual rate of 26 per 1000; 102 deaths were referred to small-pox, against 63 and 71 in the two previous weeks. In Madras the 253 deaths in the week ending the 8th ultimo showed an annual death-rate equal to 33 per 1000; this rate is calculated upon the population enumerated in November last, 395,440 persons, which showed a decline of more than 30,000 upon the number at the previous Census in 1863. In Calcutta 197 deaths were returned in the week ending 24th February, and the annual rate was 24 per 1000.

Foreign Cities.

In Paris 814 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 79 deaths occurred in the week ending the 6th, and the annual death-rate was 22 per 1000. In Berlin during the week ending last Thursday, 459 deaths were recorded, showing an annual rate of 29 per 1000; 29 deaths were referred to small-pox, against 22 and 27 in the two previous weeks. In Rome 170 deaths were registered in the week ending the 31st ultimo, and the annual death-rate was 36 per 1000.

In the City of New York 655 deaths were registered in the week ending 23d March, and the equivalent annual rate of mortality was 36 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·97 in.; the highest reading was 30·30 in. at the beginning of the week, and the lowest 29·61 in. on Friday at noon. The mean temperature of the *air* was 51°·4, or 6°·3 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week; on Sunday, 7th instant, it was 45°·9, or 0°·5 above the average, while on Friday it had increased to 57°·5, and was in excess by 12°·5. The highest day temperature in the shade was 69°·9 on Friday, and the lowest night temperature 32°·2 on Sunday the 7th instant; the entire range in the week was, therefore, 37°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 133°·7 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 8°·6. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 48°·7. The mean degree of *humidity* of the air was 73, complete saturation being represented by 100. The direction of the *wind* was variable, the horizontal movement of the air averaging 11 miles per hour. *Rain* fell on Monday and Tuesday, but only to the amount of ·05 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 48°·1 in Norwich, to 50°·6 in Sheffield; the lowest recorded night temperature was 31°·2 in Portsmouth, and the highest day temperature in the shade 73°·7 in Leicester. Rain was measured in each of these towns except in Leeds; the amounts varied from ·02 of an inch in Wolverhampton, to ·26 in Manchester.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 213,147 cubic metres, and at Barking 292,032 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1894	2180	1972	1973	2188	2105	2066	2157	2098	2414	2104·7	2574
Males . .	964	1131	1039	1036	1090	1048	1074	1072	1076	1225	1075·5	1334
Females .	930	1049	933	937	1098	1057	992	1085	1022	1189	1029·2	1240
TOTAL **Deaths**	1252	1610	1523	1533	1552	1372	1274	1595	1475	1722	1490·8	1470
Males . .	655	793	777	800	819	750	638	817	735	836	762·0	780
Females .	597	817	746	733	733	622	636	778	740	886	728 8	690

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Jan. 20.	Jan. 27.	Feb. 3.	Feb. 10	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.
TOTAL **Deaths** - - - -	1628	1602	1423	1524	1320	1488	1423	1565	1475	1463	1641	1559	1470
Deaths under 5 years of age -	652	647	571	634	581	634	624	666	648	636	667	698	630
Deaths 5—20 - - - -	114	113	88	102	91	92	96	123	96	98	132	95	109
Deaths 20—40 - - - -	227	242	201	220	157	213	188	228	209	210	239	171	195
Deaths 40—60 - - - -	264	253	241	230	219	261	234	244	218	205	264	285	238
Deaths 60—80 - - - -	301	282	271	278	224	237	231	242	248	258	275	261	244
Deaths at 80 years & upwards	70	65	51	60	48	51	4	62	56	56	64	49	54
Deaths from Smallpox - -	93	90	52	68	48	53	52	49	42	48	55	65	49
„ „ Measles - -	60	41	32	40	30	52	41	52	40	66	63	68	66
„ „ Scarlet Fever -	34	19	32	31	16	32	21	29	19	19	22	23	26
„ „ Diphtheria -	6	7	4	3	6	2	5	8	3	6	4	3	6
„ „ Whooping-cough	115	98	115	88	99	97	95	111	111	102	118	118	100
„ „ Typhus fever -	7	7	1	4	3	3	3	5	7	7	3	3	2
„ „ Enteric (or Typhoid) fever -	35	14	16	15	20	15	12	10	16	19	16	19	12
„ „ Simple Cont[d] fever	6	7	9	8	6	14	6	9	6	5	7	2	4
„ „ Diarrhœa - - -	10	12	6	13	11	8	10	12	16	15	9	7	10
„ „ Simple Cholera -	—	—	—	—	—	—	—	1	—	—	—	—	—
„ „ Phthisis - -	171	194	162	160	141	168	155	174	187	177	218	152	190
„ „ Bronchitis - -	262	259	197	193	163	158	168	181	197	203	225	216	149
„ „ Pneumonia -	75	88	82	80	57	78	82	107	82	87	110	83	91
„ „ Heart Disease -	91	70	72	71	59	80	68	75	73	64	79	73	66
Mean Temperature of the Air	39·1	42·0	44·4	46·6	43·8	44·9	45·6	48·7	44·6	38·9	43·5	44·7	51·4
Mean Temperature of the Water of the Thames -	39·7	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7
Humidity of the Air - -	89	92	85	87	86	85	86	80	80	85	88	84	73
Rain-fall in inches - -	0·54	1·18	0·04	0·20	0·11	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 13th day of April 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 13th April 1872.	DEATHS registered during the Week ending 13th April 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5800	3712	73·7	31·2	49·8	9·89	0·09	0·2
LONDON	77,997	3,312,591	42·5	2574	1470	69·9	32·2	51·4	10·78	0·05	0·1
PORTSMOUTH	9,513	115,455	12·1	107	49	64·8	31·2	49·8	9·89	0·07	0·1
NORWICH	7,472	81,105	10·9	52	38	68·0	32·5	48·1	8·94	0·12	0·3
BRISTOL	4,688	186,428	39·8	136	88	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	55	33	70·4	36·2	49·5	9·72	0·02	0·0
BIRMINGHAM	7,831	350,164	44·7	295	136	70·0	35·6	50·3	10·17	0·20	0·5
LEICESTER	3,200	99,143	31·0	82	47	73·7	31·5	50·1	10·06	0·10	0·2
NOTTINGHAM	1,996	88,225	44·2	60	48	71·6	32·3	49·4	9·66	0·07	0·1
LIVERPOOL	5,108	499,897	97·9	397	243	67·2	42·2	50·0	10·00	0·07	0·1
MANCHESTER	4,486	352,759	78·6	308	203	70·4	36·2	50·5	10·28	0·26	0·6
SALFORD	5,172	127,923	24·7	142	76	69·5	36·3	49·1	9·50	0·25	0·6
OLDHAM	4,167	84,004	20·2	62	48	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	145	100	66·0	39·0	49·9	9·94	0·08	0·2
LEEDS	21,572	266,564	12·4	184	159	70·0	37·0	50·2	10·11	0·00	0·0
SHEFFIELD	22,830	247,847	10·9	207	141	68·0	36·0	50·6	10·33	0·13	0·3
HULL	3,562	124,976	35·1	108	48	69·0	32·0	48·6	9·22	0·05	0·1
SUNDERLAND	3,306	100,665	30·4	71	40	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	75	62	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	138	121	63·0	34·0	49·8	9·89	0·00	0·0
GLASGOW	5,063	489,136	94·8	437	312	—	—	—	—	—	—
DUBLIN	2,745	310,565	31·9	165	250	65·9	34·2	50·5	10·28	0·01	0·0

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by t addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Wee ending Saturday the 13th day of April 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	25	3029	707	585	131	102	43	13	163	52	25	114	181	45
LONDON	23	1470	305	298	49	66	26	6	100	18	10	50	82	27
PORTSMOUTH	22	49	6	10	9	2	–	–	1	2	–	–	4	8
NORWICH	24	38	10	8	7	–	–	1	–	–	–	1	2	2
BRISTOL	25	88	19	21	4	3	–	–	7	2	1	2	3	18
WOLVERHAMPTON	25	33	9	7	1	–	–	–	1	1	–	3	3	4
BIRMINGHAM	20	136	32	26	6	2	4	2	2	–	1	11	16	27
LEICESTER	25	47	10	11	14	–	–	–	–	–	2	1	2	1
NOTTINGHAM	28	48	15	2	4	–	1	–	–	4	–	1	2	7
LIVERPOOL	25	243	64	65	2	4	2	1	21	6	3	13	16	35
MANCHESTER	30	203	46	29	3	1	1	–	16	4	2	7	14	21
SALFORD	31	76	22	16	–	2	–	–	4	1	2	1	2	5
OLDHAM	30	48	10	11	–	2	3	–	2	1	–	–	2	1
BRADFORD	34	100	26	17	1	11	1	1	–	5	1	–	4	8
LEEDS	31	159	48	23	14	6	–	–	5	3	1	10	11	17
SHEFFIELD	30	141	47	17	11	2	3	2	1	3	2	3	5	10
HULL	20	48	9	9	4	–	–	–	–	–	–	2	2	4
SUNDERLAND	21	40	15	4	–	–	1	–	2	2	–	2	2	3
NEWCASTLE-ON-TYNE	25	62	14	11	2	1	1	–	1	–	–	7	9	11
DUBLIN	42	250	31	38	83	5	3	–	1	4	7	4	3	131

TABLE 5. DEATHS in LONDON Registered in the FIFTEENTH Week of the Year 1872.

USES OF DEATH.	Average in the Fifteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 13, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0-5.	5-20.				
Mean Temperature -	° 48·8	° 51·4						
LL CAUSES - -	1490·8	1470	630	109	195	238	244	54
PECIFIED CAUSES	1476·5	1465	628	108	195	237	243	54
ZYMOTIC DISEASES.								
ORDER 1.								
mall-pox - - -	46·6	49	21	18	8	2	-	-
easles - - -	34·5	66	59	6	1	-	-	-
arlet Fever (Scarlatina)	43·6	26	20	6	-	-	-	-
phtheria - - -	10·1	6	3	1	2	-	-	-
inzy - - - -	1·0	1	-	-	-	-	1	-
oup - - - -	15·8	10	9	1	-	-	-	-
hooping-cough - -	68·6	100	97	3	-	-	-	-
yphus - - - -	52·5	2	-	1	1	-	-	-
nteric or Typhoid Fever		12	4	2	4	1	1	-
mple continued Fever -		4	2	1	-	-	1	-
rysipelas - - -	7·8	4	2	1	-	1	-	-
uerperal Fever (Metria)	2·7	6	-	1	5	-	-	-
rbuncle - - -	·8	-	-	-	-	-	-	-
fluenza - - -	·5	-	-	-	-	-	-	-
senteryy - - -	·9	-	-	-	-	-	-	-
arrhœa - - -	14·0	10	7	1	-	-	1	1
mple Cholera - -	·2	-	-	-	-	-	-	-
gue - - - -	·8	1	-	-	1	-	-	-
emittent Fever - -	·8	-	-	-	-	-	-	-
heumatism - -	7·3	6	1	2	1	1	1	-
ther *Zymotic* Diseases -	·9	-	-	-	-	-	-	-
ORDER 2.								
yphilis - - -	7·2	7	7	-	-	-	-	-
rictureof Urethra -	·8	1	-	-	-	1	-	-
ydrophobia - - -	---	-	-	-	-	-	-	-
anders - - - -	---	-	-	-	-	-	-	-
ORDER 3.								
rivation - - -	1·1	-	-	-	-	-	-	-
ant of Breast-milk -	7·2	5	5	-	-	-	-	-
rpura and Scurvy -	1·8	3	3	-	-	-	-	-
eo- { *a* Del. Tremens	1·7	1	-	-	-	1	-	-
ism { *b* Intemperance -	1·0	2	-	-	-	2	-	-
ORDER 4.								
hrush - - - -	2·9	2	2	-	-	-	-	-
orms, &c. - - -	·4	-	-	-	-	-	-	-
ONSTITUTIONAL DIS.								
ORDER 1.								
out - - - -	1·7	-	-	-	-	-	-	-
ropsy - - - -	15·8	12	2	1	2	1	3	3
ancer - - - -	25·5	30	-	-	6	10	14	-
ancrum Oris (Noma)	·5	1	-	1	-	-	-	-
ortification - -	4·7	4	-	-	-	-	1	3
ORDER 2.								
crofula - - -	9·1	8	4	-	2	1	1	-
abes Mesenterica -	19·2	21	18	3	-	-	-	-
thisis - - -	181·5	190	12	19	83	61	15	-
ydrocephalus - -	36·3	42	34	4	4	-	-	-
LOCAL DISEASES.								
ORDER 1.								
ephalitis - - -	15·9	27	19	4	4	-	-	-
ppolexy - - -	33·6	43	9	1	1	14	14	4
aralysis - - -	32·8	38	-	2	5	12	16	3
esanity - - -	2·6	3	-	-	-	-	3	-
horea - - - -	---	-	-	-	-	-	-	-
pilepsy - - -	6·7	12	1	1	5	2	3	-
onvulsions - -	59·2	50	48	2	-	-	-	-
rain Disease, &c. - -	19·7	18	1	1	3	5	7	-
ORDER 2.								
ericarditis - -	2·8	3	1	-	-	2	-	-
neurism - - -	2·8	1	-	-	-	-	1	-
eart Disease, &c. -	63·2	66	1	2	14	18	30	1
ORDER 3.								
aryngitis - - -	12·1	7	5	-	-	1	1	-
ronchitis - - -	171·6	149	57	-	3	27	60	2
eurisy - - - -	4·3	2	-	-	1	1	-	-
neumonia - - -	88·4	91	54	4	11	13	8	1
sthma - - - -	11·8	8	-	-	1	3	3	1
ung Disease, &c. - -	14·8	11	5	-	1	4	1	-
ORDER 4.								
astritis - - - -	1·3	1	-	-	-	-	1	-
nteritis - - - -	5·1	6	2	-	1	2	1	-
eritonitis - - -	5·4	7	1	3	1	1	-	1
scites - - - -	2·1	-	-	-	-	-	-	-
ceration of Intestines -	2·1	2	-	-	-	-	2	-
ernia - - - -	3·5	4	-	-	-	-	3	1
eus - - - - -	3·3	5	2	1	-	2	-	-
tussusception - -	1·1	2	1	-	-	-	1	-

CAUSES OF DEATH.	Average in the Fifteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 13, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0-5.	5-20.				
Mean Temperature -	° 48·8	° 51·4						
9. Stricture of Intestines -	·9	-	-	-	-	-	-	-
10. Fistula - - -	·6	1	-	-	1	-	-	-
11. *Stomach Disease, &c.* -	6·5	6	-	-	1	3	2	-
12. *Pancreas Disease, &c.* -	·2	-	-	-	-	-	-	-
13. Hepatitis - - -	3·7	-	-	-	-	-	-	-
14. Jaundice - - -	3·5	8	4	-	1	2	1	-
15. *Liver Disease, &c.* - -	16·4	16	-	-	5	10	1	-
16. *Spleen Disease, &c.* - -	·3	1	1	-	-	-	-	-
ORDER 5.								
1. Nephritis - - -	1·1	2	-	1	-	-	1	-
2. Ischuria - - -	---	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	8·8	14	-	1	-	11	2	-
4. Diabetes - - -	2·0	3	-	-	1	1	1	-
5. Calculus (Stone) - -	·5	2	-	-	-	-	2	-
6. Cystitis - - -	1·7	2	-	-	-	1	1	-
7. *Kidney Disease, &c.* - -	8·6	8	-	-	1	3	4	-
ORDER 6.								
1. Ovarian Dropsy - -	·8	1	-	-	1	-	-	-
2. *Uterus Disease, &c.* - -	3·5	2	-	-	-	1	1	-
ORDER 7.								
1. Synovitis (Arthritis) -	---	1	-	-	-	1	-	-
2. *Joint Disease, &c.* - -	6·6	6	1	3	-	1	1	-
ORDER 8.								
1. Phlegmon - - -	2·9	1	-	-	1	-	-	-
2. Ulcer - - - -	1·1	1	-	-	1	-	-	-
3. *Skin Disease, &c.* - -	2·0	1	1	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	18.9	21	21	-	-	-	-	-
2. Cyanosis - - - -	1·7	-	-	-	-	-	-	-
3. Spina Bifida - - -	1·2	2	2	-	-	-	-	-
4. Other Malformations -	2·6	2	2	-	-	-	-	-
5. Teething - - - -	19·6	22	22	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·1	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - -	5·5	-	-	-	-	-	-	-
ORDER 3.								
1. Old Age - - - -	56·5	55	-	-	-	-	23	32
ORDER 4.								
1. Atrophy and Debility -	59·3	49	40	-	-	4	5	-
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	15·9	17	2	5	4	3	3	-
2. Wounds { Gunshot	·8	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	1	-	-	-
3. Burns and Scalds - -	5·5	7	3	2	-	2	-	-
4. Poison - - - -	·8	1	-	-	-	1	-	-
5. Drowning - - -	5·7	6	2	2	2	-	-	-
6. Suffocation - - -	5·8	8	7	-	-	1	-	-
7. Otherwise - - -	1·4	1	-	1	-	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·6	3	1	-	1	1	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·3	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·6	1	-	-	1	-	-	-
2. Poison - - - -	1·2	2	-	-	1	-	1	-
3 Drowning - - -	·7	1	-	-	1	-	-	-
4. Hanging - - -	2·5	1	-	-	-	-	-	1
5. Otherwise - - -	·2	1	-	-	1	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·4	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	2·5	1	-	-	-	1	-	-
Causes not specified or illdefined - - - -	11·8	4	2	1	-	-	1	-

OTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2574	1470	305	298	49	66	26	6	100	2	12	4	10	50	82
WEST DISTRICTS	561,189	354	232	47	59	2	12	3	2	15	1	3	1	1	10	22
NORTH DISTRICTS	751,668	564	344	74	65	11	25	8	1	28	–	2	1	2	13	19
CENTRAL DISTRICTS	333,887	224	152	26	28	1	6	–	–	12	1	1	–	–	4	8
EAST DISTRICTS	638,928	563	298	65	57	22	11	6	1	19	–	–	1	3	11	13
SOUTH DISTRICTS	966,132	869	444	93	89	13	12	9	2	26	–	6	1	4	12	20
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	30	24	5	8	–	2	–	–	2	–	–	–	–	1	1
St. John Paddington H	38082	15	20	6	7	–	–	1	–	1	–	1	–	–	–	2
Kensington Town *WL*	91583	78	38	8	11	1	1	–	1	4	–	–	–	–	2	5
Brompton H	28651	17	11	4	4	–	3	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	25	11	2	3	–	1	–	–	–	–	–	–	–	–	2
Fulham *WLLLL*	23378	16	9	2	2	–	–	–	–	3	–	–	–	–	1	2
Chelsea South HH	26419	21	15	3	2	–	–	–	–	–	–	–	–	–	1	2
Chelsea North-west H*Ww*	23278	23	10	1	2	–	1	–	–	–	–	–	–	–	–	1
Chelsea North-east L	21389	6	9	4	2	–	1	–	–	–	–	–	–	–	–	1
Hanover Square	18700	7	8	–	1	–	–	–	–	1	–	1	–	–	1	1
May Fair *W*	13020	4	5	1	1	–	–	–	–	1	–	–	–	–	1	1
Belgrave HH	58043	35	33	7	7	–	2	1	1	–	–	–	–	1	2	3
St. John Westminster HHH	38470	43	16	1	6	–	1	–	–	2	1	1	1	–	1	1
St. Margaret Westminster *WWHH*	27640	12	6	–	1	–	–	–	–	–	–	–	–	–	–	–
St. James's Square	10453	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	7	5	1	2	1	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	3	6	1	–	–	1	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	9	3	1	–	–	–	–	–	1	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	10	14	2	4	–	3	–	–	–	–	–	–	–	1	1
Cavendish Square	15419	12	2	1	–	–	–	1	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	19	12	1	5	–	–	–	–	2	–	–	–	–	–	–
St. Mary Marylebone H	21795	26	9	1	1	–	2	–	–	1	–	1	1	1	–	–
Christchurch Marylebone	33892	30	24	6	2	–	6	–	–	3	–	–	–	1	1	2
St. John Marylebone	33110	19	9	3	1	–	1	–	–	1	–	–	–	–	–	–
Hampstead *WHH*	32271	27	14	4	3	–	2	–	–	1	–	–	–	–	1	1
Regent's Park Pancras	38192	32	12	3	1	–	1	1	–	3	–	–	–	–	–	1
Tottenham-court *w*H	29360	13	21	3	4	–	1	–	–	1	–	–	–	–	1	2
Gray's Inn Lane H	29216	24	15	1	1	–	–	2	–	–	–	–	–	–	3	3
Somers Town	38562	19	5	2	–	–	–	–	1	–	–	–	–	–	–	–
Camden Town *W*	18066	15	19	3	9	–	–	–	–	–	–	–	–	–	–	–
Kentish Town *W*	68198	65	50	11	8	–	5	–	–	3	–	–	–	–	3	4
Islington West HHH	97801	60	28	6	5	2	–	1	–	2	–	–	–	–	–	–
Islington East *Ww*H	115948	111	46	13	5	–	2	1	–	7	–	–	–	–	–	1
Stoke Newington L	9810	6	6	1	2	–	2	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	17	9	4	3	1	–	–	–	–	–	–	–	–	–	1
Hackney *Ww*HHL	50087	30	36	6	7	6	–	1	–	4	–	1	–	–	2	2
South Hackney L	30305	23	15	3	4	2	–	1	–	–	–	–	–	–	1	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	11	7	3	1	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	23	7	–	1	–	–	–	–	1	–	–	–	–	–	1
St. Giles North	56497	13	8	1	1	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	4	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	5	3	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	7	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	13	1	2	–	1	–	–	1	–	–	–	–	1	1
St. George-the-Martyr HHH	20521	17	9	3	2	–	3	–	–	–	–	1	–	–	–	–
St. Andrew East Holborn *W*	13528	8	11	–	4	–	–	–	–	–	–	–	–	–	–	1
Saffron Hill	9051	4	3	1	–	–	–	–	–	–	–	–	–	–	–	1
St. James Clerkenwell *W*	18912	11	7	–	2	–	–	–	–	1	–	–	–	–	1	1
Amwell Clerkenwell	16878	9	5	–	–	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	7	5	1	–	–	–	–	–	1	–	–	–	–	–	–
Goswell-street	16220	10	9	1	1	–	1	–	–	1	1	–	–	–	–	–
Old-street H	12156	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	25	11	4	1	1	–	–	–	1	–	–	–	–	–	1
Whitecross-street	13790	6	4	1	1	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	9	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	9	8	4	1	–	–	–	–	4	–	–	–	–	–	–
Cripplegate	13639	12	7	2	–	–	1	–	–	1	–	–	–	–	–	–
St. Sepulchre H	7562	1	9	–	2	–	–	–	–	–	–	–	–	–	2	2
St. Bride *W*	11184	9	5	2	2	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	6	–	2	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	4	4	–	1	–	–	–	–	1	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 13th April 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
rwell Shoreditch	12429	10	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
eonard Shoreditch HLt	16545	17	12	3	6	-	-	-	-	-	-	-	-	-	-	-	2
ton New Town w	27832	32	17	5	4	1	-	-	-	-	-	-	-	-	-	-	1
ton Old Town	26944	32	11	4	-	-	-	-	-	1	-	-	-	-	-	-	-
gerstone West W	24153	22	21	4	8	1	-	-	-	1	-	-	-	1	-	-	9
gerstone East	19257	* -	-														
kney-road	29808	28	10	2	1	2	2	-	-	2	-	-	-	-	-	-	-
n, Bethnal Green WHLt	42443	45	30	4	5	1	-	1	-	1	-	-	-	1	-	-	13
rch, Bethnal Green	26574	24	8	2	-	1	-	-	-	1	-	-	-	-	-	-	-
n, Bethnal Green	21375	28	10	3	1	-	2	-	-	2	-	-	-	-	-	-	-
llery Whitechapel	6651	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ldfields	15844	11	9	2	-	-	-	-	-	1	-	-	-	-	-	-	-
End New Town W	15550	16	10	1	4	-	-	-	-	-	-	-	-	-	-	-	1
techapel North	11434	11	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-
techapel Church H	7323	4	15	1	2	-	-	-	-	-	-	-	-	-	6	6	13
lman's Fields	10381	5	7	2	-	2	-	-	-	1	-	-	-	-	-	-	-
gate	9149	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17906	16	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Paul St. George East	21356	23	5	3	1	-	-	-	-	-	-	-	-	-	2	2	-
John St. George East W	8973	5	7	-	5	-	-	-	-	-	-	-	-	-	-	-	5
dwell	11623	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cliff H	15930	14	7	1	1	-	-	1	-	-	-	-	-	-	-	-	-
ehouse W	30025	22	11	3	3	-	1	-	-	2	-	-	-	-	-	-	-
e End Old Town West	38126	28	13	2	2	1	1	1	-	4	-	-	1	-	-	-	-
e End Old Town East WwH	55020	49	23	7	3	1	1	1	-	2	-	-	-	-	-	1	1
r WwwHLt	67777	67	36	7	6	3	1	2	1	1	-	-	-	1	1	2	8
lar WW	48500	37	19	2	2	9	3	-	-	-	-	-	-	-	1	1	2
SOUTH DISTRICTS.																	
istchurch Southwark W	14547	13	9	-	-	5	-	-	-	-	-	-	-	-	-	-	3
Saviour Southwark H	15667	16	10	-	3	1	-	-	-	-	-	-	-	-	-	-	-
it-road	20430	10	10	2	2	-	-	1	-	2	-	1	-	-	-	-	-
ough-road WH	16694	13	7	2	-	-	-	-	-	-	-	-	-	-	-	-	2
don-road L	18959	20	10	3	1	-	1	-	-	1	-	-	-	-	2	-	-
nity Newington	23673	12	13	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth W	48232	50	20	2	7	-	-	-	-	1	-	-	-	1	-	1	8
Mary Newington	16786	18	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Olave Southwark H	4157	3	14	-	3	-	-	-	-	-	-	-	-	-	5	6	10
John Horsleydown W	10595	16	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2
ther Market	16785	17	9	-	2	-	-	-	-	2	-	-	-	-	-	-	-
Mary Magdalen W	15707	15	9	2	4	-	-	1	-	2	-	-	-	-	-	-	4
James Bermondsey	47921	53	20	8	2	-	-	1	-	4	-	-	-	-	1	1	-
therhithe W	25873	29	7	2	-	-	-	-	-	-	-	-	-	-	1	1	-
terloo-road 1st H	14086	11	8	2	1	-	1	-	-	-	-	-	-	1	1	1	-
terloo-road 2nd H	18453	26	7	2	1	-	-	-	-	-	-	-	-	-	1	1	3
nbeth Church 1st H	19470	17	10	-	2	1	-	-	-	-	-	-	-	1	1	1	9
nbeth Church 2nd W	35831	40	27	6	4	-	-	-	-	-	-	-	-	1	1	1	-
nnington 1st W	41284	32	13	6	3	1	1	-	-	1	-	-	-	1	-	1	-
nnington 2nd	31213	19	9	2	2	-	-	-	-	3	-	-	-	-	-	-	-
xton HL	35131	34	16	1	4	5	-	-	-	-	-	-	-	-	-	-	5
rwood W	12534	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
pham HL	27848	21	11	5	2	1	-	-	-	1	-	1	-	-	-	-	-
ttersea W	53988	71	32	5	3	-	1	1	1	3	-	-	1	-	1	1	4
ndsworth HL	19797	20	12	2	1	-	-	-	-	-	-	-	-	-	-	2	5
tney	9438	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
eatham	14479	9	5	-	2	-	-	-	-	-	-	-	-	1	-	-	-
lwich	4041	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell WLtLt	31251	20	13	2	4	-	2	-	-	1	-	1	-	-	-	-	4
ckham W	42159	27	13	3	1	1	-	1	-	1	-	-	-	-	-	-	-
George Camberwell	33851	32	12	4	2	-	-	-	-	1	-	-	-	-	1	2	-
Paul Deptford	53696	59	24	9	2	-	1	-	-	1	-	1	-	-	-	-	-
Nicholas Deptford	6487	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21098	16	10	1	3	-	-	-	-	1	-	-	-	-	-	-	-
eenwich East WH	19320	19	18	5	3	-	2	-	-	-	-	-	-	-	-	-	10
ham	4528	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	8	9	1	3	-	-	-	-	-	-	-	-	-	1	-	-
wisham Village W	11508	13	7	3	3	-	-	-	1	-	-	-	-	-	-	-	1
denham	19016	20	6	2	1	-	-	2	-	-	-	-	-	-	-	-	-
arlton H	9503	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
olwich Dockyard	17229	8	4	1	-	2	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H	18319	18	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-
mstead, West	13628	5	4	1	-	-	-	2	-	1	-	-	-	-	-	-	-
mstead, East W	15290	13	7	2	1	1	1	-	-	-	-	-	-	-	-	-	-

Registration is still in abeyance in Haggerstone East sub-district, owing to the resignation of the Registrar and a delay in the appointment of successor.

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th APRIL, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	7	..	30·238	60·2	32·2	28·0	45·9	41·7	112·6	24·6	48·6	46·0	4·2	13·7	2·3	+ 0·5	85	Calm & SW.	WSW. & SW.	1·0	0·0	0·1	182	0·00	..
MONDAY . .	8	New	29·901	60·3	47·4	12·9	52 0	48·5	75·3	41·0	48·4	45·6	3·5	7·8	0·4	+ 6·6	88	WSW. & W.	W.& NNW.	19·8	0·1	1·2	500	0·04	..
TUESDAY .	9	..	30·094	58·4	40·6	17·8	48·4	38·3	117·0	31·1	49·1	46·3	10·1	18·2	6·0	+ 3·1	68	NNW. & N.	N. & E.	4·8	0·0	0·4	291	0·01	..
WEDNESDAY	10	..	30·002	65·6	38·8	26·8	51·1	2·9	128·5	30·7	49·2	46·5	8·2	18·2	3·9	+ 5·9	74	SW.&WSW	WSW. & SSW.	1·1	0·0	0·1	229	0·00	..
THURSDAY.	11	..	29·870	66·9	41·7	25·2	53·8	42·0	128·0	33·6	49·6	46·8	11·8	19·1	3·1	+ 8·7	64	SW.	SSW. & SSE.	1·3	0·0	0·2	228	0·00	..
FRIDAY . .	12	..	29·648	69 9	47·5	22·4	57·5	46·3	133·7	40·3	52·0	49·0	11·2	20·9	5·4	+12·5	67	SSE. & S.	SW.	2·4	0·0	0·3	297	0·00	..
SATURDAY.	13	..	30·051	63 0	42·2	20·8	51·4	4)·4	124·2	30·5	53·6	50·2	11·0	21·9	4·8	+ 6·5	66	N. & NNE.	N. by E. & Calm	2·1	0·0	0·2	189	0·00	..
MEANS .		..	29·972	63·5	41·5	22·0	51·4	42·9	117·0	33·1	50·1	47·2	8·6	17·1	3·7	+ 6·3	73	Variable.		..	..	..	Sum 1916	Sum 0·05	..
No. of Columns		2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
APRIL.			
SUNDAY .	7	Positive, with variable tension. Sparks at night.	Cloudless and hazy throughout, with the exception of the period between 4h. and 8h. P.M., the sky being generally covered between those times. A very fine day.
MONDAY .	8	Strong positive during the latter portion of the day.	Overcast, and thin rain fell occasionally till noon. The clouds were variable in amount till 7h. P.M., after which time the sky became cloudless.
TUESDAY .	9	Positive, with strong tension in the morning and evening.	Generally cloudless in the morning and at night; light clouds prevalent at other times. Very fine.
WEDNESDAY	10	Positive, with variable tension.	Some light clouds generally present. Very fine. Auroral light, with masses of dark cloud, prevailed during the evening; occasional faint streamers.
THURSDAY .	11	Positive, varying in intensity throughout.	A very fine day, with small amounts of cloud. Auroral light observed at night.
FRIDAY .	12		Generally cloudless. An extremely fine day.
SATURDAY .	13	Moderate positive in morning.	Cloudless, and very fine throughout.]

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 30·30 in. at the beginning of the week to 29·86 in. by 3h. P.M. on the 8th; increased to 30·12 in. by 9h. P.M. on the 9th; decreased to 29·61 in. by noon on the 12th; turned to decrease after 3h. P.M.; and was 30·08 in. at the

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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22d April 1872.

United Kingdom.

During the week ending Saturday the 20th instant, 5277 *births* and 3487 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 31 per 1000 persons living, in Glasgow 30 per 1000, and in Dublin 32; the deaths from small-pox in Dublin, which had been 44 and 83 in the two previous weeks, were 52 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 27, Norwich 22, Bristol 27, Wolverhampton 20, Birmingham 20, Leicester 22, Nottingham 20, Liverpool 29, Manchester 28, Salford 24, Oldham 26, Bradford 29, Leeds 24, Sheffield 24, Hull 25, Sunderland 24, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 163, 159, and 131, further declined last week to 126; of these, 48 occurred in London, 15 in Portsmouth, 14 in Sheffield, 12 in Leicester, 9 in Birmingham, and 5 each in Bristol and Leeds. The annual death-rate from this disease was equal to 7 per 1000 persons living in Portsmouth, 6 in Leicester, 3 in Sheffield, 2 each in Norwich, Wolverhampton, and Hull, and one each in Bristol, Birmingham, Nottingham, and Leeds; this mortality showed a considerable increase last week in Portsmouth.

The deaths from whooping-cough were generally less numerous than in recent weeks.

London.

In London 2252 births and 1410 deaths were registered last week. After making due allowance for increase of population, the births were 109, and the deaths 171, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 26, 25, and 23 per 1000, further declined last week to 22. The rate was 21 in the West, 22 in the North, 26 in the Central, 25 in the East, and 20 in the South groups of Districts.

The 1410 deaths included 48 from small-pox, 77 from measles, 11 from scarlet fever, 7 from diphtheria, 72 from whooping-cough, 22 from different forms of fever (of which 3 were certified as typhus, 16 as enteric or typhoid, and 3 as simple continued fever), and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 250 deaths were referred, against 308 and 275 in the two preceding weeks. The deaths from whooping-cough showed a further considerable decline upon the numbers returned in recent weeks, while the fatal cases of measles were more numerous. Whooping-cough was especially prevalent in Lambeth and Bow; measles in Paddington, Marylebone, and Poplar; and 3 deaths from scarlet fever were returned in Sydendam. Two deaths were referred to enteric fever in Camberwell, and the death of the wife of a paper-hanger, aged 39 years, in Chelsea (north-west sub-district) was certified as follows:—"Intense pain in lower part of "spine; purpuric spots over the body; bleeding from the mouth; cerebro-spinal "meningitis or purpuric fever, about 30 hours." This case deserves attention in connection with the epidemic in New York.

The fatal cases of small-pox, which in the two previous weeks had been 65 and 49, were 48 last week, of which 20 were recorded in the special small-pox hospitals, against 24 and 13 in the two preceding weeks. Out of those institutions, five deaths from small-pox were returned in Poplar, and three in Kensington Town sub-districts.

The mean temperature last week was 46°·2, and all but corresponded with the average in the same week of fifty years; a considerable excess was shown in

the early part of the week, while the mean was below the average on the last three days. The mean was 54°·5 on Monday, but had fallen to 40°·5 on Saturday.

The deaths referred to diseases of the respiratory organs, including phthisis, were 443 last week, and 57 below the corrected average number in the corresponding week of the last ten years; the deaths from these causes in the three preceding weeks had been 597, 505, and 458.

To different forms of violence 75 deaths were referred; 26 were the result of negligence or accident, including 26 from fractures and contusions, 5 from burns and scalds, 11 from drowning, 15 from suffocation, and 2 from poison; 14 of the deaths from suffocation were of infants under one year of age. Seven cases of suicide, 4 of murder, and 2 of infanticide, were registered during the week.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 64 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 21st instant; of these, 59 occurred in the Metropolitan, and 5 in the City Police Districts.

During the week 130 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 123 and 82 in the two preceding weeks; these showed a proportion to the total deaths of 9·2 per cent.

In the large Public Institutions 230 deaths were recorded, or 16 per cent. of the total deaths; of these 126 occurred in Workhouses and 97 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 26th March were 431, and the mortality was at the annual rate of 28 per 1000; 92 deaths were referred to small-pox, against 71 and 102 in the two previous weeks. In Madras the 253 deaths in the week ending 15th March showed an annual death-rate equal to 31 per 1000 of the population. In Calcutta 190 deaths were registered in the week ending 2d March, and the annual rate was 23 per 1000.

Foreign Cities.

In Paris 825 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 94 deaths occurred in the week ending the 13th instant, and the annual death-rate was 26 per 1000. In Rome 174 deaths were registered in the week ending the 7th instant, and the annual death-rate was 37 per 1000.

In the City of New York 686 deaths were registered in the week ending March 30th, and the equivalent annual rate of mortality was 38 per 1000. Between 13th January and 17th March 31 deaths in this city were referred to the new form of disease called by the long inapt name of epidemic cerebro-spinal-meningitis; 12 deaths occurred from it in the following week, and no less than 18 in the week ending 30th March. Its increasing prevalence has led Dr. Russel to give it a special column in the New York Table.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·74 in.; the highest reading was 30·11 in. on Sunday the 14th instant, and the lowest 29·30 in. at the end of the week. The mean temperature of the *air* was 46°·2, or 0°·4 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first four, and was below the average on the last three, days of the week; on Monday the mean was 54°·5, and 9°·2 above the average, while on Saturday it was only 40°·5, and in defect by 6°·2. The highest day temperature in the shade was 68°·5 on Monday, and the lowest night temperature 29°·6 on Saturday; the entire range in the week was, therefore, 38°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 132°·5 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 9°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 52°·8. The mean degree of *humidity* of the air was 71, complete saturation being represented by 100. The general direction of the *wind* was Northerly, and the horizontal movement of the air averaged 13 miles per hour. *Rain* fell on Thursday and Friday, but only to the amount of ·08 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 41°·4 in Newcastle, to 46°·3 in Portsmouth; the lowest recorded night temperature was 27°·0 in Norwich, and the highest day temperature in the shade 67°·6 in Portsmouth. Rain was measured in each of these towns, except in Salford; the amounts varied from ·01 of an inch in Liverpool, to ·40 in Leeds.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 194,632 cubic metres, and at Barking 265,688 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SIXTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1916	2080	2000	2134	2244	2034	2453	2208	2317	2079	2146·5	2252
Males . .	955	1052	1033	1076	1161	1026	1248	1134	1169	1065	1091·9	1165
Females .	961	1028	967	1058	1083	1008	1205	1074	1148	1014	1054·6	1087
TOTAL **Deaths**	1331	1437	1384	1496	1517	1223	1539	1377	1487	1578	1436·9	1410
Males . .	688	746	690	739	814	643	804	692	755	790	736·1	752
Females .	643	691	694	757	703	580	735	685	732	788	700·8	658

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Jan. 27.	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.
TOTAL **Deaths** - - -	1602	1423	1524	1320	1488	1423	1565	1475	1463	1641	1559	1470	1410
Deaths under 5 years of age -	647	571	634	581	634	624	666	648	636	667	698	630	620
Deaths 5—20 - - -	113	88	102	91	92	96	123	96	98	132	95	109	95
Deaths 20—40 - - -	242	201	220	157	213	188	228	209	210	239	171	195	191
Deaths 40—60 - - -	253	241	230	219	261	234	244	218	205	264	261	238	219
Deaths 60—80 - - -	282	271	278	224	237	235	242	248	258	275	285	244	241
Deaths at 80 years & upwards	65	51	60	48	51	46	62	56	56	64	49	54	44
Deaths from Small-pox - -	90	52	63	48	53	52	49	42	48	55	65	49	48
„ „ Measles - -	41	32	40	30	52	41	52	40	66	63	68	66	77
„ „ Scarlet Fever -	19	32	31	16	32	21	29	19	19	22	23	26	11
„ „ Diphtheria -	7	4	3	6	2	5	8	3	6	4	3	6	7
„ „ Whooping-cough	98	115	88	99	97	95	111	111	102	118	118	100	72
„ „ Typhus fever -	7	1	4	3	3	3	5	7	7	3	3	2	3
„ „ Enteric (or Typhoid) fever -	14	16	15	20	15	12	10	16	19	16	19	12	16
„ „ SimpleContæfever	7	9	8	6	14	6	9	6	5	7	2	4	3
„ „ Diarrhœa - -	12	6	13	11	8	10	12	16	15	9	7	10	13
„ „ Simple Cholera -	—	—	—	—	—	—	1	—	—	—	—	—	—
„ „ Phthisis - -	194	162	160	141	168	155	174	187	177	218	152	190	175
„ „ Bronchitis - -	259	197	193	163	158	168	181	197	203	225	216	149	151
„ „ Pneumonia -	88	82	80	57	78	82	107	82	87	110	83	91	78
„ „ Heart Disease -	70	72	71	59	80	68	75	73	64	79	73	66	67
Mean Temperature of the Air	° 42·0	° 44·4	° 46·6	° 43·8	° 44·9	° 45·6	° 48·7	° 44·6	° 38·9	° 43·5	° 44·7	° 51·4	° 46·2
Mean Temperature of the Water of the Thames -	40·3	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8
Humidity of the Air - -	92	85	87	86	85	86	80	80	85	88	84	73	71
Rain-fall in inches - -	1·18	0·04	0·20	0·11	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 20th day of April 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 20th April 1872.	DEATHS registered during the Week ending 20th April 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	C me
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5277	3487	68·5	27·0	44·5	6·95	0·13	0
LONDON	77,997	3,312,591	42·5	2252	1410	68·5	29·6	46·2	7·89	0·08	0
PORTSMOUTH	9,513	115,455	12·1	61	59	67·6	30·4	46·3	7·94	0·03	0
NORWICH	7,472	81,105	10·9	39	34	65·0	27·0	43·3	6·28	0·19	0
BRISTOL	4,688	186,428	39·8	140	95	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	51	27	65·1	32·8	43·9	6·61	0·04	0
BIRMINGHAM	7,831	350,164	44·7	270	133	66·8	33·4	45·5	7·50	0·20	0
LEICESTER	3,200	99,143	31·0	77	42	65·7	30·7	44·9	7·17	0·14	0
NOTTINGHAM	1,996	88,225	44·2	62	34	65·9	32·6	46·1	7·83	0·10	0
LIVERPOOL	5,108	499,897	97·9	368	282	57·6	33·5	43·8	6·55	0·01	0
MANCHESTER	4,486	352,759	78·6	258	187	62·0	31·8	44·7	7·06	0·03	0
SALFORD	5,172	127,923	24·7	106	59	58·5	31·1	43·2	6·22	0·00	0
OLDHAM	4,167	84,004	20·2	68	42	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	173	83	61·0	34·7	44·7	7·06	0·12	0
LEEDS	21,572	266,564	12·4	212	124	62·0	36·0	45·8	7·66	0·40	1
SHEFFIELD	22,830	247,847	10·9	189	113	64·0	33·0	44·3	6·84	0·22	0
HULL	3,562	124,976	35·1	88	61	63·0	28·0	43·3	6·28	0·28	0
SUNDERLAND	3,306	100,665	30·4	92	46	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	88	65	55·0	34·0	41·4	5·22	0·33	0
EDINBURGH	4,427	205,146	46·3	125	120	56·0	32·0	43·8	6·55	0·00	0
GLASGOW	5,063	489,136	94·8	425	280	54·5	31·4	44·6	7·00	0·01	0
DUBLIN	9,745	310,565	31·9	133	191	65·4	32·0	45·2	7·33	0·22	0

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The populati Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 20th day of April 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2896	692	544	126	110	35	10	129	57	34	136	220
LONDON	22	1410	336	285	48	77	11	7	72	22	13	75	130
PORTSMOUTH	27	59	9	9	15	–	–	–	–	3	–	1	4
NORWICH	22	34	5	11	3	–	1	–	–	1	1	–	–
BRISTOL	27	95	18	18	5	2	–	1	3	6	2	3	3
WOLVERHAMPTON	20	27	6	8	3	–	1	–	–	–	–	–	–
BIRMINGHAM	20	133	26	26	9	1	1	1	8	4	2	6	15
LEICESTER	22	42	11	8	12	–	–	–	1	1	1	1	1
NOTTINGHAM	20	34	12	5	2	–	–	–	–	–	1	2	2
LIVERPOOL	29	282	71	56	2	10	5	1	18	7	4	16	18
MANCHESTER	28	187	45	29	–	–	2	–	13	4	4	10	17
SALFORD	24	59	15	10	–	–	2	–	7	–	–	2	2
OLDHAM	26	42	12	4	1	3	1	–	2	2	1	1	1
BRADFORD	29	83	27	9	1	9	3	–	–	2	1	3	5
LEEDS	24	124	33	16	5	6	–	–	2	–	2	4	5
SHEFFIELD	24	113	28	15	14	–	3	–	2	1	1	2	5
HULL	25	61	9	14	4	–	–	–	1	1	–	5	6
SUNDERLAND	24	46	10	7	1	1	4	–	–	1	1	1	1
NEWCASTLE-ON-TYNE	26	65	19	14	1	1	1	–	–	2	–	4	5
DUBLIN	32	191	22	36	52	3	3	–	1	9	4	3	1

TABLE 5.—DEATHS Registered in LONDON in the SIXTEENTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Sixteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 20, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	50°6	46°2						
ALL CAUSES - -	1436·9	1410	620	95	191	219	241	44
SPECIFIED CAUSES	1426·7	1405	616	95	190	219	241	44
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox - - -	45·5	48	13	19	11	5	-	-
Measles - - -	32·7	77	71	6	-	-	-	-
Scarlet Fever (Scarlatina)	45·0	11	6	5	-	-	-	-
Diphtheria - - -	8·3	7	3	4	-	-	-	-
Quinsy - - -	·8	-	-	-	-	-	-	-
Croup - - -	15·8	11	9	2	-	-	-	-
Whooping-cough - -	67·7	72	72	-	-	-	-	-
Typhus - - - }		3	1	1	1	-	-	-
Enteric or Typhoid Fever }	52·5	16	5	5	4	2	-	-
Simple continued Fever }		3	2	-	1	-	-	-
Erysipelas - - -	6·9	5	2	-	-	1	2	-
Puerperal Fever (Metria)	3·4	8	-	-	6	2	-	-
Carbuncle - - -	·9	-	-	-	-	-	-	-
Influenza - - -	·7	-	-	-	-	-	-	-
Dysentery - - -	1·3	1	-	-	1	-	-	-
Diarrhœa - - -	16·2	13	9	-	-	1	3	-
Simple Cholera - -	·2	-	-	-	-	-	-	-
Ague - - -	·2	-	-	-	-	-	-	-
Remittent Fever - -	·7	-	-	-	-	-	-	-
Rheumatism - - -	8·0	5	-	-	1	3	1	-
Other *Zymotic* Diseases -	·2	-	-	-	-	-	-	-
ORDER 2.								
Syphilis - - - -	8·9	7	6	-	1	-	-	-
Stricture of Urethra -	1·1	1	-	-	-	1	-	-
Hydrophobia - - -	---	-	-	-	-	-	-	-
Glanders - - - -	---	-	-	-	-	-	-	-
ORDER 3.								
Privation - - - -	·6	1	-	-	-	1	-	-
Want of Breast-milk -	6·8	10	10	-	-	-	-	-
Purpura and Scurvy -	3·5	1	1	-	-	-	-	-
Alco- { *a* Del. Tremens -	1·9	1	-	-	1	-	-	-
olism { *b* Intemperance -	1·6	3	-	-	1	2	-	-
ORDER 4.								
Thrush - - - -	2·1	1	1	-	-	-	-	-
Worms, &c. - - -	·5	-	-	-	-	-	-	-
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout - - - -	1·8	3	-	-	-	3	-	-
Dropsy - - - -	13·3	10	2	-	2	2	4	-
Cancer - - - -	29·2	23	-	-	1	12	10	-
Cancrum Oris (Noma) -	·6	1	1	-	-	-	-	-
Mortification - - -	3·6	5	-	1	-	2	-	2
ORDER 2.								
Scrofula - - - -	8·5	8	7	1	-	-	-	-
Tabes Mesenterica -	17·1	15	12	3	-	-	-	-
Phthisis - - -	178·6	175	14	12	89	50	10	-
Hydrocephalus - -	31·4	26	26	-	-	-	-	-
II. LOCAL DISEASES.								
ORDER 1.								
Cephalitis - - -	15·8	11	5	5	-	1	-	-
Apoplexy - - -	35·2	44	5	-	6	13	19	1
Paralysis - - -	27·8	27	-	-	2	6	14	5
Insanity - - -	1·1	2	-	-	1	-	1	-
Chorea - - -	·1	-	-	-	-	-	-	-
Epilepsy - - -	6·9	5	-	1	2	2	-	-
Convulsions - - -	56·4	46	46	-	-	-	-	-
Brain Disease, &c. -	18·5	21	8	2	1	4	10	1
ORDER 2.								
Pericarditis - - -	1·9	2	-	2	-	-	-	-
Aneurism - - -	2·9	2	-	-	-	2	-	-
Heart Disease, &c. -	60·5	67	3	4	8	28	24	-
ORDER 3.								
Laryngitis - - -	9·9	10	9	1	-	-	-	-
Bronchitis - - -	148·5	151	64	2	6	12	60	7
Pleurisy - - -	3·5	3	1	-	2	-	-	-
Pneumonia - - -	88·0	78	55	3	6	6	8	-
Asthma - - - -	10·4	8	-	-	1	3	4	-
Lung Disease, &c. -	15·5	18	8	-	-	2	6	2
ORDER 4.								
Gastritis - - -	1·3	3	-	-	2	-	1	-
Enteritis - - -	4·4	7	4	1	1	-	1	-
Peritonitis - - -	5·0	5	2	-	1	1	1	-
Ascites - - - -	2·2	-	-	-	-	-	-	-
Ulceration of Intestines -	2·4	2	-	-	1	1	-	-
Hernia - - - -	2·8	5	-	-	-	2	3	-
Ileus - - - -	2·3	3	-	-	1	1	1	-
Intussusception - -	1·1	2	2	-	-	-	-	-

CAUSES OF DEATH.	Average in the Sixteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 20, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	50°6	46°2						
9. Stricture of Intestines -	1·5	-	-	-	-	-	-	-
10. Fistula - - - -	·3	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	7·0	7	1	1	1	3	1	-
12. *Pancreas Disease, &c.* -	—	-	-	-	-	-	-	-
13. Hepatitis - - - -	3·9	4	-	-	1	2	1	-
14. Jaundice - - - -	3·1	7	1	-	-	1	5	-
15. *Liver Disease, &c.* - -	16·8	27	2	-	1	13	10	1
16. *Spleen Disease, &c.* - -	·2	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - - -	1·1	1	-	-	1	-	-	-
2. Ischuria - - - -	·3	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	9·0	7	-	-	4	3	-	-
4. Diabetes - - - -	1·8	5	-	-	1	3	1	-
5. Calculus (Stone) - -	·5	5	1	1	-	2	1	-
6. Cystitis - - - -	·8	3	-	-	-	-	3	-
7. *Kidney Disease, &c.* - -	8·9	6	-	-	2	2	2	-
ORDER 6.								
1. Ovarian Dropsy - -	·5	1	-	-	-	1	-	-
2. *Uterus Disease, &c.* - -	4·2	4	-	1	1	1	1	-
ORDER 7.								
1. Synovitis (Arthritis) -	·3	-	-	-	-	-	-	-
2. *Joint Disease, &c.* - -	7·2	7	2	3	1	1	-	-
ORDER 8.								
1. Phlegmon - - -	2·4	1	1	-	-	-	-	-
2. Ulcer - - - -	·9	-	-	-	-	-	-	-
3. *Skin Disease, &c.* - -	1·6	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	19·5	21	21	-	-	-	-	-
2. Cyanosis - - - -	2·1	2	2	-	-	-	-	-
3. Spina Bifida - - -	·5	1	1	-	-	-	-	-
4. Other Malformations	2·2	2	2	-	-	-	-	-
5. Teething - - - -	21·0	18	18	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	---	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	5·8	2	-	-	2	-	-	-
ORDER 3.								
1. Old Age - - - -	52·0	42	-	-	-	-	21	21
ORDER 4.								
1. Atrophy and Debility	62·3	64	56	1	-	2	5	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	15·8	26	3	2	3	6	6	1
2. Wounds { Gunshot - }	1·0	-	-	-	-	-	-	-
2. Wounds { Cut, Stab - }		1	-	1	-	-	-	-
3. Burns and Scalds - -	5·9	5	4	-	-	-	1	-
4. Poison - - - -	·8	2	1	-	1	-	-	-
5. Drowning - - -	5·6	11	1	3	4	3	-	-
6. Suffocation - - -	6·6	15	14	-	-	-	1	-
7. Otherwise - - -	1·3	2	1	-	-	-	1	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	3·1	6	4	2	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot -	·8	1	-	-	-	1	-	-
1. Wounds { Cut, Stab -	1·3	3	-	-	-	3	-	-
2. Poison - - - -	1·4	1	-	-	-	1	-	-
3. Drowning - - -	1·2	1	-	-	1	-	-	-
4. Hanging - - - -	·8	1	-	-	-	-	1	-
5. Otherwise - - -	·5	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	·1	-	-	-	-	-	-	-
Violent Deaths (not classed)	·3	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	2·6	-	-	-	-	-	-	-
Causes not specified or ill-defined - - - -	7·6	5	4	-	1	-	-	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti
LONDON	3,251,804	2252	1410	336	285	48	77	11	7	72	3	16	3	13	75	130	2
WEST DISTRICTS	561,189	350	226	46	52	5	17	2	1	9	1	1	–	3	13	24	3
NORTH DISTRICTS	751,668	498	320	70	70	24	18	2	2	15	–	3	1	1	18	35	6
CENTRAL DISTRICTS	333,887	218	163	37	23	1	8	–	2	5	1	2	1	3	4	13	2
EAST DISTRICTS	638,928	498	313	74	66	12	20	3	–	25	–	2	–	3	20	34	5
SOUTH DISTRICTS	966,132	688	388	109	74	6	14	4	2	18	1	8	1	3	20	24	8
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	48	20	7	5	–	7	–	–	–	–	–	–	–	–	–	
St. John Paddington H	38082	9	10	1	1	1	1	–	–	–	–	–	–	–	2	2	
Kensington Town *WL*	91588	60	36	5	11	3	3	–	1	–	–	–	–	–	3	9	
Brompton H	28651	25	8	3	2	–	–	–	–	–	–	–	–	–	–	2	
St. Peter Hammersmith	6662	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	21	20	3	5	–	1	–	–	1	–	1	–	–	4	3	
Fulham *WLLLL*	23378	18	12	2	1	–	2	1	–	–	–	–	–	–	–	–	
Chelsea South HH	26419	21	10	1	2	–	–	1	–	2	–	–	–	–	–	–	
Chelsea North-west H*Ww*	23278	15	7	1	1	1	–	–	–	–	1	–	–	–	–	–	
Chelsea North-east L	21389	11	8	1	1	–	–	–	–	–	–	–	–	–	–	1	
Hanover Square	18700	8	10	2	1	–	–	–	–	1	–	–	–	–	–	1	
May Fair *W*	13020	4	4	2	–	–	–	–	–	1	–	–	–	–	–	–	
Belgrave HH	58043	26	26	6	7	–	2	–	–	3	–	–	–	–	2	1	
St. John Westminster HHH	38470	27	14	5	4	–	1	–	–	–	–	–	–	2	–	2	
St. Margaret Westminster *WWHH*	27640	26	25	3	7	–	–	–	–	1	–	–	–	1	2	3	1
St. James's Square	10453	5	3	2	1	–	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	11	7	1	3	–	–	–	–	–	–	–	–	–	–	–	
Berwick-street	10279	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	6	4	–	–	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	19	20	1	3	–	–	–	2	1	–	1	–	–	–	–	
Cavendish Square	15419	7	6	3	1	–	–	–	–	2	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	10	18	3	10	–	2	–	–	1	–	–	–	–	–	–	1
St. Mary Marylebone H	21795	31	9	3	2	–	–	–	–	–	–	–	–	–	–	–	
Christchurch Marylebone	33892	18	17	5	2	1	5	–	–	–	–	–	–	1	–	2	
St. John Marylebone	33110	14	15	3	2	–	1	–	–	1	–	–	–	–	5	5	
Hampstead *WHH*	32271	14	16	1	4	5	1	–	–	–	–	1	–	–	1	3	
Regent's Park Pancras	38192	24	11	3	2	–	–	1	–	1	–	–	–	–	–	–	
Tottenham-court *wH*	29360	24	20	4	3	–	3	–	–	–	–	–	–	–	2	2	
Gray's Inn Lane H	29216	13	13	2	5	–	–	–	–	1	–	–	–	–	1	1	
Somers Town	38562	18	7	5	–	1	–	–	–	–	–	–	–	–	–	–	
Camden Town *W*	18066	16	19	3	4	–	1	–	–	1	–	–	–	–	4	5	
Kentish Town *W*	68198	55	29	7	5	–	1	–	–	–	–	–	1	–	4	6	
Islington West HHH	97801	68	31	10	3	4	1	–	–	2	–	1	–	–	1	7	
Islington East *Ww*H	115948	94	49	9	17	1	3	–	–	2	–	–	–	–	–	3	
Stoke Newington L	9810	10	4	1	1	–	–	1	–	–	–	–	–	–	–	–	
Stamford Hill	6599	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	17	7	2	1	2	–	–	–	2	–	–	–	–	–	–	
Hackney *Ww*HHL	50087	30	25	3	4	10	–	–	–	–	–	–	–	–	–	1	1
South Hackney L	30305	14	4	2	1	–	–	–	–	1	–	–	–	–	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	11	5	2	1	–	–	–	–	–	–	–	–	1	–	–	
St. Giles South *WH*	19089	13	17	4	4	–	–	–	2	1	–	–	–	–	–	1	
St. Giles North	16497	14	8	2	4	–	–	–	–	–	–	–	–	1	–	1	
Long Acre	11826	3	3	1	–	–	–	–	–	–	–	1	–	–	–	–	
Charing Cross H	9831	8	7	1	–	–	–	–	–	–	–	–	–	–	–	2	
St. Mary-le-Strand	9376	3	3	1	–	–	–	–	–	–	–	1	–	–	–	–	
St. Clement Danes H	10711	5	12	2	1	–	–	–	–	–	–	–	–	–	4	4	
St. George-the-Martyr HHH	20521	13	10	4	2	–	–	–	–	–	–	–	–	–	–	1	
St. Andrew East Holborn *W*	13528	11	12	2	–	–	–	–	–	–	–	–	–	–	–	–	
Saffron Hill	9051	3	4	1	–	–	–	–	–	1	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	19	7	1	–	–	2	–	–	1	–	–	–	–	–	1	
Amwell Clerkenwell	16878	17	7	1	1	–	–	–	–	–	–	–	–	–	–	1	
Pentonville	13293	11	5	1	1	–	–	–	–	–	–	–	–	–	–	–	
Goswell-street	16220	6	5	1	2	–	1	–	–	1	–	–	–	–	–	–	
Old-street H	12156	8	8	4	–	–	1	–	–	–	–	–	–	1	–	–	
City-road *W*HHL	18291	20	5	–	3	1	1	–	–	–	–	–	–	–	–	–	
Whitecross-street	13790	9	8	2	–	–	2	–	–	–	–	–	–	–	–	–	
Finsbury	10732	8	5	3	–	–	–	–	–	–	–	–	–	–	–	–	
St. Botolph East London HH	14484	9	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
Cripplegate	13639	6	7	1	–	–	–	–	–	–	–	–	1	–	–	–	
St. Sepulchre H	7562	2	10	–	1	–	–	–	–	–	1	–	–	–	–	–	
St. Bride *W*	11184	4	4	–	–	–	1	–	–	1	–	–	–	–	–	–	
Castle Baynard	4389	2	3	1	2	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7838	4	4	1	–	–	–	–	–	–	–	–	–	–	–	2	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 20th April 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	8	5	1	4	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	8	8	2	1	–	2	–	–	–	–	–	–	–	–	–	–
xton New Town *w*	27832	25	13	4	3	1	1	–	–	3	–	–	–	–	–	–	1
xton Old Town	26944	24	7	1	1	1	–	–	–	–	–	–	–	–	–	–	–
ggerstone West *W*	24153	22	15	3	3	1	–	1	–	–	–	1	–	1	–	–	3
ggerstone East	19257	12	8	4	3	–	–	–	–	1	–	–	–	–	1	7	–
ckney-road	29808	22	11	1	–	1	1	–	–	2	–	–	–	–	–	1	–
en, Bethnal Green *W*HL†	42443	37	26	8	4	–	4	–	–	3	–	–	–	–	3	5	12
rch, Bethnal Green	26574	26	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
vn, Bethnal Green	21375	29	13	4	1	1	1	–	–	1	–	–	–	–	–	–	–
illery Whitechapel	6651	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
talfields	15844	10	6	4	1	–	–	–	–	1	–	–	–	–	–	–	–
e End New Town *W*	15550	15	11	1	6	–	–	–	–	–	–	–	–	–	1	2	7
itechapel North	11434	5	6	2	–	–	–	–	–	–	–	–	–	–	–	–	5
itechapel Church H	7323	6	9	–	2	–	–	–	–	2	–	–	–	–	–	–	–
odman's Fields	10381	4	7	1	2	1	–	–	–	2	–	–	–	–	–	–	5
gate	9149	6	8	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Mary St. George East	17906	12	3	–	2	–	–	–	–	–	–	–	–	1	–	–	–
Paul St. George East	21356	17	6	1	1	–	1	–	–	–	–	–	–	–	–	–	–
John St. George East *W*	8973	4	3	–	1	–	–	–	–	–	–	–	–	–	–	–	3
dwell	11623	7	8	1	2	–	–	–	–	–	–	–	–	3	3	–	–
tcliff H	15930	6	2	–	1	–	–	–	–	–	–	–	–	–	–	1	1
nehouse *W*	30025	24	19	7	2	1	4	–	–	2	–	–	–	1	2	–	–
le End Old Town West	38126	21	14	4	2	–	–	2	–	2	–	–	–	–	–	–	–
e End Old Town East *WwH*	55020	41	29	7	6	–	–	–	–	1	–	1	–	3	6	2	
*w WwwH*L†	67777	63	40	11	12	–	–	–	–	4	–	–	–	2	7	8	19
olar *WW*	48500	38	32	6	4	5	6	–	–	1	–	–	–	–	–	–	1
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	6	4	–	1	–	–	–	–	–	–	–	–	–	–	–	1
Saviour Southwark H	15667	8	7	3	–	–	–	–	–	–	–	–	–	2	2	–	–
nt-road	20430	13	6	1	1	–	–	–	1	–	–	–	–	–	–	–	–
rough-road *W*H	16694	12	6	1	3	–	–	–	–	1	–	–	–	–	1	1	–
ndon-road L	18959	14	14	4	1	–	–	–	–	3	–	–	1	1	1	–	–
nity Newington	23673	30	8	3	1	–	–	–	–	–	–	1	–	–	–	–	–
Peter Walworth *W*	48232	21	19	6	3	1	–	–	–	1	–	1	–	–	–	–	–
Mary Newington	16786	13	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Olave Southwark H	4157	4	10	1	–	–	–	–	–	–	–	–	–	2	2	8	
John Horsleydown *W*	10595	6	5	3	–	–	–	–	–	1	–	–	–	1	1	1	
ther Market	16785	16	9	2	1	–	1	–	–	–	–	1	–	–	–	1	
Mary Magdalen *W*	15707	13	8	4	3	–	–	–	–	1	–	–	–	–	–	3	
James Bermondsey	47921	49	16	3	5	–	–	–	–	1	–	–	–	–	–	–	
therhithe *W*	25873	24	9	3	–	1	–	–	–	–	–	–	–	1	1	2	
terloo-road 1st H	14086	12	4	2	–	–	–	–	–	–	–	–	–	–	–	–	
terloo-road 2nd H	18453	13	7	4	–	–	–	–	–	4	–	–	–	–	–	–	
nbeth Church 1st H	19470	9	19	4	3	–	–	–	–	–	–	–	1	2	1	12	
nbeth Church 2nd *W*	35831	23	16	7	3	–	–	–	–	–	–	–	–	–	–	4	
nington 1st *W*	41284	33	11	4	2	–	–	–	–	2	–	–	1	–	–	–	
nington 2nd	31213	24	8	2	1	–	2	–	–	–	–	–	–	–	–	–	
xton HL	35431	21	18	5	5	2	–	–	–	1	1	–	–	–	–	1	
rwood *W*	12534	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
pham HL	27348	20	5	2	1	–	1	–	–	–	–	–	–	–	–	–	
tersea *W*	53988	49	20	9	3	–	2	–	1	–	–	1	–	1	1	2	
ndsworth HL	19797	10	9	–	1	–	–	–	–	–	–	1	–	–	–	3	
ney	9438	5	4	1	1	–	–	–	–	1	–	–	–	–	–	–	
eatham	14479	4	8	–	3	–	1	–	–	–	–	–	–	–	–	–	
lwich	4041	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
nberwell *WL*†L†	31251	19	18	1	6	–	–	–	–	1	–	2	–	–	1	1	8
kham *W*	42159	20	6	–	4	–	–	1	–	–	–	–	–	–	–	–	
George Camberwell	33851	26	12	6	1	–	2	–	–	–	–	–	1	–	–	–	
Paul Deptford	53696	51	14	5	3	–	1	–	–	–	–	–	–	2	4	–	
Nicholas Deptford	6487	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
enwich West	21098	9	8	–	2	–	–	–	–	–	–	–	–	–	–	–	
enwich East *WH*	19320	14	18	4	4	1	2	–	–	–	–	–	–	2	3	3	
ham	4528	1	3	1	1	–	–	–	–	–	–	–	–	–	–	–	
	16430	14	7	2	3	–	–	–	–	–	–	–	–	1	1	–	
visham Village *W*	11508	6	5	3	1	–	1	–	–	–	–	–	–	–	–	–	
enham	19016	11	9	2	–	–	–	3	–	–	–	–	–	1	1	–	
rlton H	9503	8	2	–	1	–	–	–	–	–	–	–	–	–	–	1	
olwich Dockyard	17229	9	4	–	–	–	–	–	–	–	–	–	–	1	1	–	
olwich Arsenal H	18319	14	7	3	–	–	1	–	–	1	–	–	–	1	1	–	
mstead West	13028	13	6	2	2	–	–	–	–	–	–	1	–	–	–	–	
mstead East *W*	15290	14	9	3	–	1	–	–	–	–	–	–	–	1	2	1	

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand ,, ,, Tottenham-court sub-district.
London City ,, ,, Islington East.
Do. do. ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th APRIL, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.	MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . 14	..	30·060	63·5	36·8	26·7	48·0	41·1	91·0	25·3	54·4	50·7	6·9	17·3	1·4	+ 3·0	77	Calm	Variable	0·3	0·0	0·0	117	0·00	..
MONDAY . 15	Apogee. First Qr.	29·919	68·5	40·0	28·5	54·5	40·9	132·5	29·9	54·9	51·6	13·6	24·7	2·1	+ 9·2	60	W. by S.	WNW. & N.	1·7	0·0	0·2	265	0·00	..
TUESDAY . 16	..	29·841	58·9	44·1	14·8	49·7	38·0	108·0	33·9	55·6	52·0	11·7	18·4	6·6	+ 4·2	64	N. by W. & N.	NNW.	3·8	0·0	0·6	387	0·00	..
WEDNESDAY 17	..	29·599	54·8	42·3	12·5	45·8	34·2	104·0	33·9	55·6	..	11·6	18·8	6·8	+ 0·1	64	NNW.	NNW & N	7·2	0·1	0·9	417	0·00	..
THURSDAY . 18	..	29·637	55·3	38·6	16·7	43·2	36·4	109·3	28·0	54·9	51·0	6·8	16·2	3·9	— 2·8	77	N.	NNE.	12·1	0·1	0·9	409	0·04	..
FRIDAY . . 19	..	29·701	53·5	35·0	18·5	42·0	36·5	114·5	31·9	54·6	48·8	5·5	15·0	1·4	— 4·4	81	NNE.	N. by E. & ENE.	2·3	0·0	0·3	264	0·04	..
SATURDAY . 20	..	29·436	52·7	29·6	23·1	40·5	32·4	124·6	21·3	53·6	50·6	8·1	17·8	3·1	— 6·2	73	NE. & E.	E. & NE.	3·0	0·0	0·3	266	0·00	..
MEANS . .	..	29·742	58·2	38·1	20·1	46·2	37·1	112·0	29·2	54·8	50·8	9·2	18·3	3·6	+ 0·4	71	NNW, N, & NE.		..	..	..	Sum 2125	Sum 0·08	..
No. of Columns.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
APRIL.			
SUNDAY .	14	Positive, varying in intensity throughout.	A very dense haze prevailed during the early portion of the day. Cloudless throughout and very fine.
MONDAY .	15		A little light cloud was present at night, otherwise the sky was cloudless throughout. Very fine. Auroral light was observed at night.
TUESDAY .	16	Occasional positive.	A fine day. Small amounts of cloud, chiefly of the cirro-cumulus type, prevalent till the evening. Cloudless at night.
WEDNESDAY	17	Strong negative, with sparks, at night.	Cloudy, and a little rain fell about mid-day. Generally cloudless at other times.
THURSDAY .	18	Strong positive and negative, with sparks and galvanic currents.	Generally cloudy throughout. Very heavy showers of rain, accompanied at times by hail, fell during the day.
FRIDAY .	19	Weak positive in the day; strong negative at night.	Cloudy, but fine. Rain and hail fell in the evening. Very variable at night.
SATURDAY .	20	Positive, with moderate tension.	Hoar frost in early morning. The amount of cloud very variable throughout. The sky was at times cloudless. Generally very fine.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30·08 in. at the beginning of the week to 30·11 in. by 10h. A.M. on the 14th; decreased to 29·58 in. by 9h. P.M. on the 17th; increased to 29·72 in. by 9h. A.M. on the 19th; and decreased to 29·30 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 17. 1872. Vol. XXXIII.] Week ending Saturday, April 27. [Price 1½d.

General Register Office, Somerset House,
29th April 1872.

United Kingdom.

During the week ending Saturday the 27th instant, 5368 *births* and 3648 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 36 per 1000 persons living, in Glasgow 31 per 1000, and in Dublin 42; in Dublin 60 deaths were referred to small-pox, against 83 and 52 in the two previous weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 25, Norwich 26, Bristol 26, Wolverhampton 16, Birmingham 21, Leicester 28, Nottingham 23, Liverpool 25, Manchester 29, Salford 28, Oldham 32, Bradford 28, Leeds 31, Sheffield 31, Hull 23, Sunderland 28, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the four previous weeks had steadily declined from 163 to 126, rose again last week to 149; of these, 41 occurred in London, 24 in Leeds, 16 in Sheffield, 14 each in Portsmouth and Leicester, 10 in Birmingham, 6 in Hull, and 5 each in Norwich and Manchester. The annual death-rate from this disease was equal to 7 per 1000 persons living in Leicester, 6 in Portsmouth, 5 in Leeds, 3 each in Sheffield, Norwich, and Hull, and 2 in Nottingham; this mortality showed a considerable increase in Leeds.

London.

In London 2316 births and 1415 deaths were registered last week. After making due allowance for increase of population, the births were 64, and the deaths 98, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four previous weeks had steadily declined from 26 to 22 per 1000, was again 22 last week. The rate was 21 in the West, 23 in the North, 22 in the Central, 25 in the East, and 21 in the South groups of Districts.

The 1415 deaths included 41 from small-pox, 58 from measles, 17 from scarlet fever, 7 from diphtheria, 85 from whooping-cough, 26 from different forms of fever (of which 3 were certified as typhus, 17 as enteric or typhoid, and 6 as simple continued fever), and 15 from diarrhœa; thus to the seven principal diseases of the zymotic class 249 deaths were referred, against 308, 275, and 250 in the three preceding weeks. The fatal cases of whooping-cough, scarlet fever, and fever were somewhat more numerous than in the previous week, while those of small-pox and measles had declined; measles showed the greatest fatality in Marylebone, and scarlet fever in Paddington and Hoxton New Town, while the prevalence of whooping-cough was general. The deaths of 3 young children occurred in one family in Henstridge-place, Marylebone, and were referred by the medical attendant to "drainage fever, 4 days." The children were attacked on April 4th, and died on 21st, after the appearance of a livid eruption. The house has been visited by Mr. J. Netten Radcliffe, one of the sanitary inspectors to the Local Government Board, and measures have been taken to inquire into the defects of the drains.

The fatal cases of small-pox, which in the two previous weeks had been 49 and 48, were 41 last week, of which 15 were recorded in the special small-pox hospitals, against 13 and 20 in the two preceding weeks. Out of those institutions, 4 deaths from small-pox were returned in Waterloo-road Second (Lambeth), and 3 in Poplar sub-districts.

On Sunday, 21st instant, the mean temperature was only 43°·6 and 3°·4 below the average; on the subsequent days of the week it rose steadily to 57°·6 on Saturday, which was 9°·5 above the average. The mean of the week was 50°·1, and in excess by 2°·6 of the average in 50 years. The deaths referred to diseases of the respiratory organs, including phthisis, were 444 last week, and 24 below

the corrected average number in the corresponding week of the last ten years; the deaths from these causes in the two previous weeks were 458 and 443.

To different forms of violence 47 deaths were referred; 40 were the result of negligence or accident, including 16 from fractures and contusions, 3 from burns and scalds, 6 from drowning, 10 from suffocation, and one from poison; 8 of the deaths from suffocation were of infants under one year of age. Four cases of suicide, and 2 of infanticide, were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 60 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 28th instant; of these, 55 occurred in the Metropolitan, and 5 in the City Police Districts.

Dr. Frankland, F.R.S., again reports unfavourably of the quality of the water supplied to the Metropolis by most of the Companies drawing their supply from the Thames; the turbidity, of which he speaks, was doubtless due to the recurrence of floods. On 4th April the water sent out by the Lambeth Company was turbid, and that of the Southwark and Grand Junction Companies was slightly so; the water of the Southwark Company contained "moving organisms," and that of the Chelsea and Lambeth Companies "moving organisms and fungoid growth." The West Middlesex Company alone of the five Companies drawing their supply from the Thames sent out on 4th April efficiently filtered water, and the experience of the past seven years has proved that this is the only one of these five whose "storage reservoirs and filter beds are, even approximately, competent to deal with "water from this source." The amount of organic impurities in the Thames waters was again unusually large, rendering them unfit for domestic purposes. Taking the amount of this impurity contained in the Kent Company's water, drawn from deep chalk wells, to represent unity, the proportional amount in an equal volume of water supplied by the other Metropolitan Companies was :—East London 3·1, New River 3·2, West Middlesex 4·8, Southwark 7·3, Grand Junction 7·4, Chelsea 7·6, and Lambeth 8·6. The waters derived from the Lea and from deep chalk wells by the New River, East London, and Kent Companies were quite clear and transparent when drawn from the mains on 5th and 6th April.

Major Bolton, R.E., the Water Examiner to the Board of Trade, in a report for the month ending 15th April, notices the fact that the rivers "Thames and Lea, "as well as the Mole and Rye, have been subject to sudden floods" during the month, the Thames rising between 28th March and 1st April from 8 inches to 4 feet above the summer level. While the flood lasted many of the filters were "frequently choked, and had to be continually and rapidly cleansed." The condition of the Thames was, therefore, such as to require the greatest attention on the part of those Companies drawing their supplies from the river. Major Bolton adds, that these Companies, from their "limited reservoir capacity, cannot avoid "taking in supplies during the prevalence of floods;" he, however, excepts the West Middlesex Company, which from its ample storage capacity is not under this necessity, and whose supply is stated to be "slowly and carefully filtered." The Southwark, Grand Junction, and East London Companies are now constructing additional reservoirs.

Indian Cities.

In Bombay the deaths registered during the week ending 2d April were 414, and the mortality was at the annual rate of 26 per 1000; the deaths from small-pox were 85, against 102 and 92 in the two previous weeks. In Calcutta 168 deaths were returned in the week ending March 9th, and the annual rate was 20 per 1000.

Foreign Cities.

In Paris 844 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 72 deaths occurred in the week ending the 20th inst., and the annual death-rate was 20 per 1000. In Berlin during the week ending last Thursday 462 deaths were recorded, showing an annual rate of 29 per 1000; the fatal cases of small-pox have increased in the five past weeks from 22 to 30. In Rome 167 deaths were registered in the week ending the 14th inst., and the annual death-rate was 36 per 1000; the deaths from small-pox were 17, against 11 and 20 in the two previous weeks.

In the City of New York 705 deaths were registered in the week ending 6th April, and the equivalent annual rate of mortality was 39 per 1000; the epidemic of cerebro-spinal meningitis showed an increased fatality, 31 deaths being referred to this disease, against 18 in the preceding week.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·36 in.; the highest reading was 29·72 in. on Friday morning, and the lowest 28·88 in. on Sunday the 21st instant. The mean temperature of the *air* was 50°·1, or 2°·6 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday, 21st, was only 43°·6, and 3°·4 below the average, but increased on each of the following days, and on Saturday was 57°·6, showing an excess of 9°·5. The highest day temperature in the shade was 69°·7 on Saturday, and the lowest night temperature 37°·1 on Sunday; the entire range in the week was, therefore, 32°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 131°·4 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 7°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 51°·1. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100. The general direction of the *wind* was S.S.W. and S.S.E., and the horizontal movement of the air averaged 13 miles per hour. *Rain* fell during the week to the amount of ·38 of an inch, of which ·32 was measured on Sunday the 21st instant.

The mean temperature in the other large English towns furnishing returns ranged from 45°·6 in Wolverhampton, to 48°·5 in Leicester; the lowest recorded night temperature was 31°·2 in Portsmouth, and the highest day temperature in the shade 67°·5 in Leicester. Rain was measured last week in each of these towns; the amounts varied from ·57 of an inch in Portsmouth, to 2·09 inches in Wolverhampton.

In Centigrade degrees the mean temperature of the air at Greenwich was 10°·1, or 1°·5 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 20°·9, the lowest night temperature 2°·8, and the highest temperature in the sun 55°·2. The wind blew at the rate of 20 kilometres an hour, and the rain-fall measured ·81 of a centimetre.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 258,710 cubic metres, and at Barking 265,585 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of March 1872: according to their returns, 102,857,846 gallons or 467,330 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 208·2 gallons (94·6 decalitres), rather less than a *ton* by weight, to each house, and 29·3 gallons (13·3 decalitres) to each person, against 29·4 in the corresponding month of last year.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of March 1872, it may be estimated that about 84,343,434 gallons were probably used for domestic purposes, or about 24·0 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	March 1871.	March 1872.	March 1871.	March 1872.
Total Supply	484,969	493,978	101,557,556	102,857,846
From Thames	224,689	229,827	53,825,041	54,226,900
From Lea and from other Sources	260,280	264,151	47,732,515	48,630,946
Thames.				
Chelsea	27,670	27,949	7,868,600	8,198,800
West Middlesex	41,747	43,110	8,832,296	8,947,435
Southwark and Vauxhall	78,321	78,781	16,429,172	16,404,029
Grand Junction	30,929	32,316	10,855,102	10,630,636
Lambeth	46,022	47,671	9,839,871	10,046,000
Lea and other Sources.				
New River	118,505	119,886	20,982,000	22,905,000
East London	101,852	103,513	19,806,800	19,291,600
Kent	39,923	40,752	6,943,715	6,434,346

Note.—The Return for March 1872, as compared with that for the corresponding month of 1871, shows an increase of 9,009 houses, and of 1,300,290 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for April.

Sir, *Royal College of Chemistry, 27th April* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of April. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The Thames has again been in flood, and four out of the five Metropolitan Companies drawing from that source have again delivered turbid water to their consumers. The West Middlesex Com-

pany alone sent out efficiently filtered water. On the 4th instant the water supplied by the Lambeth Company was turbid, whilst that drawn from the mains of the Chelsea, Southwark, and Grand Junction Companies was slightly turbid. The water of the Southwark Company contained moving organisms, that of the Chelsea and Lambeth Companies moving organisms and fungoid growths.

The experience of the past seven years has demonstrated, that of the companies deriving their supply from the Thames, the West Middlesex is the only one whose storage reservoirs and filter beds are, even approximately, competent to deal with water from this source.

The evils of imperfectly filtered water fall especially upon the poor; by the use of costly private filters, the wealthy can perform for themselves that which the water companies ought to effect for the public at large.

The organic impurity in solution in the Thames water, as delivered by the Chelsea, Southwark, and Grand Junction Companies, was again unusually large, and far beyond what is admissible in water used for domestic purposes.

The waters derived from the Lea and from deep wells in the chalk by the New River, East London, and Kent Companies were quite clear and transparent when drawn from the mains.

The deep well water of the Kent Company again contained the smallest proportion of organic impuritiy. Taking the amount of this impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the other Metropolitan Companies was:—East London 3·1, New River 3·2, West Middlesex 4·8, Southwark 7·3, Grand Junction 7·4, Chelsea 7·6, and Lambeth 8·6.

Dr. Hill reports that the water supplied to Birmingham was generally bright, but contained large particles, which readily subsided.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	4th April, Cab Rank, Horse Guards	10·0	25·42	·401	·064	·001	·216	·281	1850	2·10	20·3
West Middlesex	4th April, Cab Rank, Portland-road	10·3	26·24	·257	·035	·001	·232	·268	2010	1·70	21·2
Southwark and Vauxhall	4th April, Cab Rank, St. George's Church, Borough.	11·0	26·14	·385	·061	·000	·206	·267	1740	1·70	20·6
Grand Junction	4th April, Cab Rank, Woodstock-street.	10·0	26·56	·385	·066	·000	·204	·270	1720	1·65	20·6
Lambeth	4th April, Cab Rank, Westminster Bridge-road.	10·5	26·92	·463	·062	·002	·202	·266	1720	1·70	21·2
Other Sources.											
New River	6th April, Cab Rank, Tottenham-court-road.	10·0	25·98	·167	·031	·000	·279	·310	2470	1·75	21·5
East London	5th April, Royal Hotel, Mile-end-road.	9·7	26·98	·165	·023	·001	·187	·211	1560	2·05	21·8
Kent	5th April, Deptfd. Bdge. Police Stat.	12·2	36·64	·051	·010	·000	·366	·376	3340	2·60	29·1
Birmingham*	6th April, Birmingham Waterworks	—	25·18	·218	·034	·003	·236	·273	2362	1·54	14·0
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 4th April at the Horse Guards' cab-rank had a temperature of 10°·0 C.; 100,000 lbs. of it contained 25·42 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·401 lb. of carbon and ·064 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia and ·216 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·281 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1,850 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·10 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 20·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the SEVENTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1959	1963	1946	2205	2187	2385	2307	2165	2268	2250	2163·5	2316
Males . .	994	958	1006	1140	1080	1240	1200	1092	1173	1161	1104·4	1167
Females .	965	1005	940	1065	1107	1145	1107	1073	1095	1089	1059·1	1149
TOTAL **Deaths**	1394	1408	1307	1344	1492	1280	1378	1288	1394	1469	1375·4	1415
Males . .	684	697	679	679	764	702	714	682	712	745	705·8	702
Females .	710	711	628	665	728	578	664	606	682	724	669·6	713

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Feb. 3.	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.
TOTAL **Deaths** - - -	1423	1524	1320	1488	1423	1565	1475	1463	1641	1559	1470	1410	1415
Deaths under 5 years of age -	571	634	581	634	624	666	648	636	667	698	630	620	572
Deaths 5—20 - - -	88	102	91	92	96	123	96	98	132	95	109	95	110
Deaths 20—40 - - -	201	220	157	213	188	228	209	210	239	171	195	191	198
Deaths 40—60 - - -	241	230	219	261	234	244	218	205	264	261	238	219	250
Deaths 60—80 - - -	271	278	224	237	235	242	248	258	275	285	244	241	233
Deaths at 80 years & upwards	51	60	48	51	46	62	56	56	64	49	54	44	52
Deaths from Smallpox - -	52	68	48	53	52	49	42	48	55	65	49	48	41
„ „ Measles - -	32	40	30	52	41	52	40	66	63	68	66	77	58
„ „ Scarlet Fever -	32	31	16	32	21	29	19	19	22	23	26	11	17
„ „ Diphtheria -	4	3	6	2	5	8	3	6	4	3	6	7	7
„ „ Whooping-cough	115	88	99	97	95	111	111	102	118	118	100	72	85
„ „ Typhus fever -	1	4	3	3	3	5	7	7	3	3	2	3	3
„ „ Enteric (or Typhoid) fever -	16	15	20	15	12	10	16	19	16	19	12	16	17
„ „ Simple Contd fever	9	8	6	14	6	9	6	5	7	2	4	3	6
„ „ Diarrhœa - -	6	13	11	8	10	12	16	15	9	7	10	13	15
„ „ Simple Cholera -	—	—	—	—	—	1	—	—	—	—	—	—	—
„ „ Phthisis - -	162	160	141	168	155	174	187	177	218	152	190	175	178
„ „ Bronchitis - -	197	193	163	158	168	181	197	203	225	216	149	151	149
„ „ Pneumonia -	82	80	57	78	82	107	82	87	110	83	91	78	91
„ „ Heart Disease -	72	71	59	80	68	75	73	64	79	73	66	67	80
Mean Temperature of the Air	° 44·4	° 46·6	° 43·8	° 44·9	° 45·6	° 48·7	° 44·6	° 38·9	° 43·5	° 44·7	° 51·4	° 46·2	° 50·1
Mean Temperature of the Water of the Thames -	42·3	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1
Humidity of the Air - -	85	87	86	85	86	80	80	85	88	84	73	71	77
Rain-fall in inches - -	0·04	0·20	0·11	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 27th day of April 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 27th April 1872.	DEATHS registered during the Week ending 27th April 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres.
Total of 21 TOWNS in the UNITED KINGDOM	217,448	7,394,345	34·0	5368	3648	69·7	29·0	46·8	8·22	1·30	3·30
LONDON	77,997	3,312,591	42·5	2316	1415	69·7	37·1	50·1	10·06	0·38	0·97
PORTSMOUTH	9,513	115,455	12·1	77	56	60·8	31·2	46·9	8·28	0·57	1·45
NORWICH	7,472	81,105	10·9	55	41	65·5	36·5	47·9	8·83	0·88	2·24
BRISTOL	4,688	186,428	39·8	121	92	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	55	21	61·1	32·2	45·6	7·55	2·09	5·31
BIRMINGHAM	7,831	350,164	44·7	275	140	62·0	33·3	46·2	7·89	1·17	2·97
LEICESTER	3,200	99,143	31·0	75	54	67·5	32·0	48·5	9·16	1·33	3·38
NOTTINGHAM	1,996	88,225	44·2	55	39	63·3	32·3	47·4	8·55	0·90	2·29
LIVERPOOL	5,108	499,897	97·9	369	243	58·0	35·2	47·2	8·44	1·85	4·70
MANCHESTER	4,486	352,759	78·6	293	198	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	107	68	60·9	32·0	46·3	7·94	1·45	3·68
OLDHAM	4,167	84,004	20·2	68	51	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	110	80	58·5	33·3	46·7	8·16	1·46	3·71
LEEDS	21,572	266,564	12·4	207	156	59·0	34·0	46·4	8·00	1·44	3·66
SHEFFIELD	22,830	247,847	10·9	178	149	63·0	33·0	47·2	8·44	1·79	4·55
HULL	3,562	124,976	35·1	104	54	64·0	33·0	47·8	8·78	1·27	3·23
SUNDERLAND	3,306	100,665	30·4	83	54	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	108	56	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	121	140	58·0	29·0	41·8	5·44	1·60	4·06
GLASGOW	5,063	489,136	94·8	434	291	57·5	32·4	45·4	7·44	0·67	1·70
DUBLIN	9,745	310,565	31·9	157	250	61·9	34·5	47·3	8·50	1·93	4·90

* The figures in this column are the unrevised numbers enumerated in April 1871, raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 27th day of April 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	24	2967	659	580	149	95	37	15	148	71	32	98	179	416
LONDON	22	1415	297	285	41	58	17	7	85	26	15	47	86	233
PORTSMOUTH	25	56	7	4	14	3	–	–	1	4	–	–	2	8
NORWICH	26	41	8	12	5	–	–	–	–	4	–	–	–	2
BRISTOL	26	92	23	29	4	1	–	1	2	1	1	3	3	15
WOLVERHAMPTON	16	21	7	3	–	–	2	–	1	–	–	–	–	2
BIRMINGHAM	21	140	38	19	10	3	–	2	5	4	3	10	16	18
LEICESTER	28	54	11	5	14	1	1	–	–	2	–	–	2	5
NOTTINGHAM	23	39	6	8	4	–	–	–	–	–	1	1	3	3
LIVERPOOL	25	243	62	57	–	8	3	1	12	10	2	12	16	32
MANCHESTER	29	198	48	34	5	–	3	–	15	4	1	3	15	30
SALFORD	28	68	20	11	1	1	–	1	7	1	1	3	6	8
OLDHAM	32	51	9	13	1	2	4	–	3	2	2	1	3	4
BRADFORD	28	80	22	11	1	7	1	–	2	3	–	1	3	5
LEEDS	31	156	32	32	24	5	1	–	3	2	2	7	12	18
SHEFFIELD	31	149	37	24	16	5	4	2	7	5	–	4	3	16
HULL	23	54	12	9	6	1	–	1	1	3	–	2	2	6
SUNDERLAND	28	54	11	11	–	–	1	–	2	–	–	3	4	7
NEWCASTLE-ON-TYNE	22	56	9	13	3	–	–	–	2	–	4	1	3	4
DUBLIN	42	250	20	60	60	5	3	–	–	8	4	6	4	120

TABLE 5. DEATHS in LONDON Registered in the SEVENTEENTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Seventeenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, April 27, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.		0–5.	5–20.				
Mean Temperature –	50°8	50°1					
ALL CAUSES – –	1375·4	1415	572	110	198	250	233	52
SPECIFIED CAUSES	1366·2	1413	570	110	198	250	233	52
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	41·8	41	15	9	14	2	1	–
Measles – – –	32·3	58	52	6	–	–	–	–
Scarlet Fever (Scarlatina)	39·9	17	11	5	1	–	–	–
Diphtheria – – –	8·6	7	5	1	–	1	–	–
Quinsy – – –	·9	–	–	–	–	–	–	–
Croup – – –	14·7	11	11	–	–	–	–	–
Whooping cough – –	62·6	85	83	2	–	–	–	–
Typhus – – –	3·8	3	1	1	–	–	1	–
Enteric or Typhoid Fever	53·8	17	9	2	1	2	3	–
Simple continued Fever –		6	2	1	1	2	–	–
Erysipelas – – –	7·2	4	1	–	–	2	1	–
Puerperal Fever (Metria)	3·1	4	–	–	4	–	–	–
Carbuncle – – –	1·6	3	–	–	–	2	1	–
Influenza – – –	·3	1	–	–	–	1	–	–
Dysentery – – –	1·7	1	–	–	1	–	–	–
Diarrhœa – – –	14·0	15	12	–	–	1	2	–
Simple Cholera – –	·5	–	–	–	–	–	–	–
Ague – – – –	·3	1	–	–	1	–	–	–
Remittent Fever – –	1·0	1	–	1	–	–	–	–
Rheumatism – –	8·2	6	2	–	3	–	1	–
Other *Zymotic* Diseases –	·1	2	2	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	6·6	7	6	–	–	1	–	–
Stricture of Urethra	1·6	2	–	–	–	1	1	–
Hydrophobia – – –	–	–	–	–	–	–	–	–
Glanders – – – –	–	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·2	–	–	–	–	–	–	–
Want of Breast-milk	6·7	6	6	–	–	–	–	–
Inanition and Scurvy	1·7	2	1	1	–	–	–	–
Alcoholism *a* Del. Tremens	1·7	–	–	–	–	–	–	–
Alcoholism *b* Intemperance	·9	–	–	–	–	–	–	–
ORDER 4.								
Thrush – – – –	2·3	1	1	–	–	–	–	–
Worms, &c. – – –	·2	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·8	3	–	–	–	1	2	–
Dropsy – – – –	11·7	11	4	2	–	–	4	1
Cancer – – –	27·3	40	–	–	3	23	14	–
Cancrum Oris (Noma)	–	–	–	–	–	–	–	–
Mortification – – –	4·3	2	–	–	–	–	2	–
ORDER 2.								
Scrofula – – – –	8·0	6	3	2	–	–	1	–
Tabes Mesenterica –	18·6	18	16	2	–	–	–	–
Phthisis – – –	179·6	178	8	14	89	57	10	–
Hydrocephalus – –	34·6	41	32	7	2	–	–	–
LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	16·1	20	13	5	1	1	–	–
Apoplexy – – –	31·9	36	4	3	1	15	12	1
Paralysis – – –	20·3	26	1	–	1	4	19	1
Insanity – – –	2·5	2	–	–	1	–	1	–
Chorea – – – –	·2	–	–	–	–	–	–	–
Epilepsy – – –	6·3	5	–	1	–	–	3	1
Convulsions – – –	58·6	34	33	1	–	–	–	–
Brain Disease, &c. – –	16·2	10	1	1	1	4	3	–
ORDER 2.								
Pericarditis – – –	2·0	2	–	1	1	–	–	–
Aneurism – – –	1·8	3	–	–	1	2	–	–
Heart Disease, &c. – –	58·6	80	–	8	11	31	28	2
ORDER 3.								
Laryngitis – – –	8·2	9	6	–	2	1	–	–
Bronchitis – – –	131·8	149	59	1	4	27	50	8
Pleurisy – – – –	3·7	4	–	–	2	2	–	–
Pneumonia – – –	79·1	91	60	4	7	13	5	2
Asthma – – – –	9·0	4	–	–	–	–	4	–
Lung Disease, &c. – –	18·8	9	4	–	1	2	1	1
ORDER 4.								
Gastritis – – –	1·7	3	–	–	1	–	1	1
Enteritis – – –	6·9	8	2	2	1	3	–	–
Peritonitis – – –	5·3	8	1	2	3	2	–	–
Ascites – – – –	2·5	5	–	2	–	–	3	–
Ulceration of Intestines –	2·8	4	1	1	–	–	2	–
Hernia – – – –	2·6	3	–	–	2	–	1	–
Ileus – – – –	3·0	3	1	–	–	1	1	–
Intussusception – –	1·2	–	–	–	–	–	–	–
9. Stricture of Intestines –	·9	–	–	–	–	–	–	–
10. Fistula – – –	·3	1	–	–	–	1	–	–
11. *Stomach Disease, &c.* –	5·3	6	2	–	–	2	1	1
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – –	2·7	5	–	–	3	1	1	–
14. Jaundice – – –	3·5	1	–	–	–	–	1	–
15. *Liver Disease, &c.* – –	17·4	22	–	1	2	13	5	1
16. *Spleen Disease, &c.* – –	·6	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·6	1	–	1	–	–	–	–
2. Ischuria – – –	·2	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	10·9	14	1	–	5	5	3	–
4. Diabetes – – –	2·7	5	–	1	2	2	–	–
5. Calculus (Stone) – –	·8	–	–	–	–	–	–	–
6. Cystitis – – –	·9	1	–	–	–	1	–	–
7. *Kidney Disease, &c.* – –	9·4	15	2	–	2	7	2	2
ORDER 6.								
1. Ovarian Dropsy – –	·4	1	–	–	–	1	–	–
2. *Uterus Disease, &c.* – –	4·7	5	–	–	2	2	1	–
ORDER 7.								
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·4	7	–	3	3	1	–	–
ORDER 8.								
1. Phlegmon – – –	2·5	5	–	3	–	2	–	–
2. Ulcer – – – –	·9	2	–	–	–	–	1	1
3. *Skin Disease, &c.* – –	1·0	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	20·9	15	15	–	–	–	–	–
2. Cyanosis – – –	1·6	2	2	–	–	–	–	–
3. Spina Bifida – – –	·8	1	1	–	–	–	–	–
4. Other Malformations –	1·4	1	1	–	–	–	–	–
5. Teething – – –	18·3	19	19	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	–	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	6·5	8	–	1	7	–	–	–
ORDER 3.								
1. Old Age – – – –	50·3	55	–	–	–	–	27	28
ORDER 4.								
1. Atrophy and Debility –	53·9	55	44	–	–	3	8	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	14·7	16	2	5	4	2	2	1
2. Wounds { Gunshot	·8	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		3	–	2	–	–	1	–
3. Burns and Scalds – –	4·9	3	1	2	–	–	–	–
4. Poison – – – –	·6	1	–	–	–	1	–	–
5. Drowning – – –	5·8	6	–	2	3	–	1	–
6. Suffocation – – –	6·6	10	8	–	1	–	1	–
7. Otherwise – – –	2·6	1	–	1	–	–	–	–
ORDER 3.								
(HOMICIDE.)								
1. Murder and Manslaughter	2·0	2	2	–	–	–	–	–
ORDER 4.								
(SUICIDE.)								
1. Wounds { Gunshot	·3	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·7	3	–	–	2	1	–	–
2. Poison – – –	·4	–	–	–	–	–	–	–
3. Drowning – – –	·8	–	–	–	–	–	–	–
4. Hanging – – –	1·7	1	–	–	–	1	–	–
5. Otherwise – – –	·9	–	–	–	–	–	–	–
ORDER 5.								
(EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	1	–	–	1	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·0	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	7·2	2	2	–	–	–	–	–

NOTE. – Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2316	1415	297	285	41	58	17	7	85	3	17	6	15	47	86	23
WEST DISTRICTS	561,189	343	228	50	52	4	10	3	2	11	–	1	1	2	11	17	4
NORTH DISTRICTS	751,668	507	335	78	61	19	19	5	1	17	2	7	–	4	9	15	6
CENTRAL DISTRICTS	333,857	200	140	23	27	–	6	–	1	8	–	–	2	–	6	16	2
EAST DISTRICTS	638,928	546	309	51	62	6	10	7	–	26	–	3	2	2	11	27	5
SOUTH DISTRICTS	966,132	720	403	95	83	12	13	2	3	23	1	6	1	7	10	11	5
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	43	22	7	5	–	4	–	–	3	–	–	–	–	–	1	
St. John Paddington H	38082	13	19	1	5	–	–	3	–	–	–	–	–	–	2	2	
Kensington Town *WL*	91583	46	31	9	13	–	1	–	2	1	–	–	–	–	–	–	
Brompton H	28651	18	5	1	–	–	1	–	–	–	–	–	–	–	–	–	
St. Peter Hammersmith	6062	7	3	–	–	–	–	–	–	–	–	–	1	–	–	–	
St. Paul Hammersmith H	36030	20	20	5	4	–	–	–	–	1	–	–	–	–	1	2	
Fulham *WLLLL*	23378	18	10	2	–	1	–	–	–	–	–	–	–	–	–	1	
Chelsea South HH	26419	23	12	5	3	–	–	–	–	1	–	–	–	–	–	1	
Chelsea North-west H*Ww*	23278	21	23	7	5	1	1	–	–	1	–	–	–	–	–	2	
Chelsea North-east L	21389	11	4	1	–	2	–	–	–	–	–	–	–	–	1	2	
Hanover Square	18700	8	9	–	5	–	–	–	–	–	–	–	–	1	–	–	
May Fair *W*	13020	6	5	1	1	–	–	–	–	1	–	–	1	–	3	3	
Belgrave HH	58043	31	24	5	6	–	3	–	–	–	–	1	–	–	–	1	
St. John Westminster HHH	38470	31	10	3	1	–	–	–	–	–	–	–	–	–	1	1	
St. Margaret Westminster *WW*HH	27640	18	14	1	2	–	–	–	–	–	–	–	–	1	1	1	
St. James's Square	10453	4	4	1	1	–	–	–	–	1	–	–	–	–	–	–	
Golden Square *W*	12855	4	4	–	–	–	–	–	–	1	–	–	–	–	–	–	
Berwick-street	10279	3	1	1	–	–	–	–	–	–	–	–	–	–	1	1	
St. Anne Soho HH	17555	18	8	–	1	–	–	–	–	1	–	–	–	–	1	1	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	17	17	2	3	–	1	–	1	1	–	–	–	–	–	–	
Cavendish Square	15419	9	4	2	–	–	1	–	–	1	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	16	17	2	5	–	3	–	–	2	–	–	–	–	–	–	
St. Mary Marylebone H	21795	22	16	3	4	–	5	–	–	–	–	–	–	1	–	1	
Christchurch Marylebone	33892	25	15	6	–	–	3	–	–	3	–	–	–	–	–	1	
St. John Marylebone	33110	19	14	4	1	–	2	–	–	–	–	4	–	–	–	–	
Hampstead *WHH*	32271	12	18	2	2	8	–	1	–	1	–	–	–	–	–	1	
Regent's Park Pancras	38192	32	16	2	2	–	–	–	–	–	–	–	–	–	3	4	
Tottenham-court *w*H	29360	22	17	4	5	1	1	–	–	–	–	–	–	1	–	–	
Gray's Inn Lane H	29216	22	18	3	1	–	1	–	–	–	–	–	–	–	–	–	
Somers Town	38562	21	13	3	1	–	–	–	–	1	–	1	–	1	1	1	
Camden Town *W*	18066	20	9	1	4	–	–	–	–	–	–	–	–	–	–	–	
Kentish Town *W*	68198	61	30	7	7	1	–	–	–	2	–	1	–	–	1	1	
Islington West HHH	97801	73	36	11	4	–	–	2	–	4	–	–	–	1	2	3	
Islington East *Ww*H	115948	65	44	14	9	2	1	–	–	2	–	1	–	–	–	–	
Stoke Newington L	9810	4	6	1	–	–	–	–	–	–	1	–	–	–	–	–	
Stamford Hill	6599	4	1	–	–	1	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	17	15	6	4	2	1	1	–	–	–	–	–	–	–	–	
Hackney *Ww*HHL	50087	28	18	3	8	4	–	–	–	–	1	–	–	–	1	1	1
South Hackney L	30305	18	11	2	1	–	–	1	–	–	–	–	–	–	1	2	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	9	1	–	–	–	–	–	–	1	–	–	–	–	–	2	
St. Giles South *WH*	19089	14	11	3	3	–	–	–	1	1	–	–	–	–	–	–	
St. Giles North	16497	14	6	2	2	–	–	–	–	–	–	–	–	–	1	1	
Long Acre	11326	5	4	2	–	–	–	–	–	–	–	–	–	–	–	–	
Charing Cross H	9831	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–	
St. Mary-le-Strand	9376	1	3	1	1	–	–	–	–	–	–	–	–	–	1	–	
St. Clement Danes H	10711	5	12	2	1	–	–	–	–	–	–	–	1	–	1	2	
St. George-the-Martyr HHH	20521	10	5	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Andrew East Holborn *W*	13528	5	9	1	2	–	–	–	–	–	–	–	–	–	–	–	
Saffron Hill	9051	5	4	2	1	–	–	–	–	–	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	19	7	1	1	–	2	–	–	–	–	–	–	–	1	2	
Amwell Clerkenwell	16878	9	11	–	5	–	–	–	–	1	–	–	1	–	–	2	
Pentonville	13293	9	8	1	2	–	1	–	–	–	–	–	–	–	–	1	
Goswell-street	16220	10	3	–	–	–	–	–	–	–	–	–	–	–	–	–	
Old-street H	12156	8	3	–	–	–	–	–	–	–	–	–	–	–	–	–	
City-road *WHHL*	18291	20	11	2	1	–	1	–	–	1	–	–	–	–	–	–	
Whitecross-street	13790	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
Finsbury	10732	6	5	1	–	–	–	–	–	1	–	–	–	–	–	–	
St. Botolph East London HH	14484	9	4	1	1	–	–	–	–	1	–	–	–	–	–	–	
Cripplegate	13639	8	3	1	1	–	1	–	–	–	–	–	–	–	2	3	
St. Sepulchre H	7562	5	13	1	3	–	–	–	–	2	–	–	–	–	–	2	
St. Bride *W*	11184	9	6	–	1	–	1	–	–	–	–	–	–	–	1	2	
Castle Baynard	4389	5	1	–	1	–	–	–	–	–	–	–	–	–	–	1	
Christchurch	6308	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7838	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 27th April 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	7	5	1	1	–	–	–	–	2	–	–	–	–	–	–	–
. Leonard Shoreditch *HL*†	16545	13	10	–	3	–	–	–	–	1	–	–	–	–	–	1	–
oxton New Town *w*	27832	31	14	1	4	–	–	3	–	1	–	–	1	–	–	–	3
oxton Old Town	26944	14	12	4	2	–	–	1	–	2	–	–	–	–	–	1	–
ggerstone West *W*	24153	18	8	1	2	–	–	–	–	1	–	1	–	–	–	–	1
ggerstone East	19257	45	18	6	3	–	2	–	–	1	–	–	–	–	–	–	–
ckney-road	29808	25	17	5	2	–	–	1	–	2	–	–	–	–	–	4	3
een, Bethnal Green *WHL*†	42443	41	16	1	3	–	–	–	–	1	–	–	–	–	–	–	3
urch, Bethnal Green	26574	23	7	1	2	–	–	–	–	1	–	–	–	–	–	–	–
wn, Bethnal Green	21375	23	5	–	–	–	1	–	–	–	–	1	–	–	1	1	–
tillery Whitechapel	6651	6	3	1	–	–	–	–	–	1	–	–	–	–	–	–	–
italfields	15844	9	5	1	–	–	–	1	–	–	–	–	–	1	–	1	–
le End New Town *W*	15550	11	14	3	2	–	–	–	–	2	–	1	–	–	1	2	4
hitechapel North	11434	8	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
hitechapel Church H	7323	1	16	–	2	1	–	–	–	1	–	–	–	–	5	4	13
odman's Fields	10381	7	7	2	1	–	–	–	–	–	–	–	–	1	–	1	–
dgate	9149	4	3	–	–	–	–	–	–	–	–	–	–	–	1	1	–
. Mary St. George East	17906	8	9	–	4	–	1	–	–	–	–	–	–	–	–	1	–
. Paul St. George East	21356	18	7	–	1	–	–	–	–	–	–	–	–	–	–	–	–
. John St. George East *W*	8973	12	6	–	4	–	–	–	–	–	–	–	–	–	–	–	4
adwell	11623	7	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
tcliff *H*	15930	13	6	1	1	–	–	–	–	–	–	–	–	–	–	3	–
mehouse *W*	30025	20	13	3	3	–	1	–	–	–	–	–	–	–	–	1	–
le End Old Town West	38126	37	14	3	3	–	–	–	–	2	–	–	–	–	–	–	–
le End Old Town East *WwH*	55020	42	15	3	4	1	1	–	–	3	–	–	–	–	1	1	3
w *WwwHL*†	67777	56	51	8	12	1	2	–	–	3	–	–	–	1	2	5	19
plar *WW*	48500	47	20	5	2	3	2	1	–	2	–	–	–	–	–	1	1
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	16	8	2	2	–	–	–	–	–	–	–	–	–	–	–	2
Saviour Southwark *H*	15647	9	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
nt-road	20430	15	4	–	3	–	–	–	–	–	–	1	–	–	–	–	–
rough-road *WH*	16894	12	10	5	1	–	–	1	–	–	–	–	–	–	–	–	2
ndon-road *L*	18959	20	7	2	1	1	1	–	–	–	–	–	–	–	1	1	1
inity Newington	23673	14	10	3	3	–	–	–	–	–	–	–	–	–	–	–	–
. Peter Walworth *W*	48232	45	23	5	7	–	–	–	–	2	–	–	–	–	–	–	8
. Mary Newington	16786	12	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
. Olave Southwark *H*	4157	3	7	–	1	–	–	–	–	–	–	–	–	–	–	–	7
. John Horsleydown *W*	10595	4	7	1	1	–	–	–	–	–	–	–	–	–	–	–	1
eather Market	16785	13	8	5	1	–	–	–	–	–	–	–	–	–	–	–	–
. Mary Magdalen *W*	15707	10	8	3	–	–	–	–	–	–	–	–	–	–	1	1	2
. James Bermondsey	47921	50	12	4	1	–	1	–	–	2	–	1	–	–	–	1	–
otherhithe *W*	25873	14	11	1	3	–	–	–	–	–	–	–	–	–	1	1	–
aterloo-road 1st *H*	14086	5	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
aterloo-road 2nd *H*	18453	19	8	1	–	4	–	–	–	1	–	–	–	–	–	–	–
mbeth Church 1st *H*	19470	13	13	2	1	–	–	–	–	1	–	–	–	1	1	1	7
mbeth Church 2nd *W*	35831	33	21	6	5	–	1	–	–	–	–	1	–	–	1	1	6
nnington 1st *W*	41284	30	14	3	3	–	–	–	–	2	1	–	–	–	1	1	–
nnington 2nd	31213	25	15	1	3	–	1	–	1	3	–	–	–	–	–	–	–
ixton *HL*	35431	29	12	2	3	3	–	–	1	–	–	–	–	1	–	–	3
rwood *W*	12534	11	3	1	–	–	–	–	–	1	–	–	–	–	–	–	1
apham *HL*	27348	15	10	3	3	1	1	–	–	–	–	–	–	–	–	–	–
ttersea *W*	53988	50	36	11	7	–	–	–	–	3	–	–	1	2	2	2	1
ndsworth *HL*	19797	15	6	2	1	–	–	–	–	2	–	–	–	–	–	–	–
tney	9438	6	5	3	1	–	–	–	–	1	–	–	–	–	–	–	–
reatham	14479	10	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
mberwell *WL*†*L*†	31251	13	13	1	5	–	–	–	–	1	–	–	–	–	–	–	5
ckham *W*	42159	36	9	3	2	–	–	–	–	–	–	–	–	1	–	1	–
George Camberwell	33851	26	6	1	–	1	–	–	–	1	–	–	–	–	1	1	–
. Paul Deptford	53696	31	21	7	5	–	–	–	–	2	–	1	–	–	–	–	–
. Nicholas Deptford	6487	7	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
eenwich West	21098	21	15	3	4	–	3	1	–	–	–	–	–	1	1	–	–
eenwich East *WH*	19320	5	11	2	5	–	1	–	–	–	–	–	–	–	–	–	5
tham	4528	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
e	16439	7	9	1	–	–	–	–	–	1	–	1	–	–	–	–	–
wisham Village *W*	11508	7	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
denham	19016	11	7	–	3	–	–	–	–	–	–	–	–	–	–	–	–
arlton *H*	9503	10	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1
olwich Dockyard	17229	9	8	1	1	–	3	–	–	–	–	–	–	–	–	–	–
olwich Arsenal *H*	18319	16	10	1	1	1	–	1	–	–	–	1	–	1	–	–	1
mstead, West	13028	9	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
mstead, East *W*	15290	11	6	3	–	1	1	–	–	–	–	–	–	–	–	–	–

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th APRIL, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32-degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. Osler's. General Direction. P.M.	Wind. Osler's. Pressure on square foot. Greatest.	Wind. Osler's. Pressure on square foot. Least.	Wind. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	21	In Equator	28·966	58·0	37·1	20·9	43·6	40·2	78·0	33·2	53·1	50·8	3·4	10·8	0·0	— 3·4	88	NE.	ESE. & S.	4·9	0·0	0·6	370	0·32	..
MONDAY . .	22	..	29·047	57·0	40·3	16·7	47·2	40·8	120·3	33·7	51·8	49·8	6·4	12·7	2·5	0·0	78	SSE.	S. & SSE.	2·4	0·0	0·2	227	0·01	..
TUESDAY .	23	Full	29·187	57·5	41·9	15·6	48·6	40·4	127·8	34·8	51·4	49·4	8·2	16·2	1·8	+ 1·2	73	S.	S. by W.	9·5	0·0	0·8	335	0·00	..
WEDNESDAY	24	..	29·421	59·0	44·1	14·9	49·4	41·6	128·2	36·2	51·6	49·5	7·8	15·0	3·9	+ 1·8	75	SW.	SSW.	7·0	0·1	1·0	386	0·00	..
THURSDAY.	25	..	29·615	63·0	43·1	19·9	51·6	43·1	130·1	35·2	51·8	49·6	8·5	17·3	1·3	+ 3·9	73	SSW.	SSW. & SSE.	3·2	0·0	0·5	331	0·00	..
FRIDAY . .	26	..	29·700	62·4	44·0	18·4	53·0	45·8	117·0	34·2	52·1	50·0	7·2	16·3	2·9	+ 5·1	76	SSW.	SSW. & SE.	3·0	0·0	0·5	278	0·01	..
SATURDAY.	27	Perigee	29·563	69·7	50·0	19·7	57·6	49·5	131·4	45·2	52·6	51·2	8·1	16·9	3·2	+ 9·5	75	E.	SSE. & SSW.	2·1	0·0	0·1	193	0·04	..
MEANS . .		..	29·357	60·9	42·9	18·0	50·1	43·1	119·0	36·1	52·1	50·0	7·1	15·0	2·2	+ 2·6	77	SSW. & SSE.		..	..	..	Sum 2120	Sum 0·38	..	
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

DATE. APRIL.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	21	Weak positive at night.	Rain fell heavily in early morning, and thinly nearly continuously till 1h. P.M., also again about 5h. P.M. Cloudy throughout. Snow fell at Birmingham, Wolverhampton, and Leicester.
MONDAY .	22	Strong positive and negative, with sparks and galvanic currents about noon: weak negative and positive afterwards.	Very fine in early morning. Dense clouds generally prevalent. A little rain fell occasionally.
TUESDAY .	23	Positive, with variable tension.	Light descriptions of cloud present throughout the day. Brisk wind. Fine.
WEDNESDAY	24	Strong positive and negative, with sparks and galvanic currents at mid-day.	Very fine. The amount of cloud large during the morning, gradually diminishing towards night. A little rain fell in the afternoon.
THURSDAY .	25	Weak positive.	Cloudy generally. A shower of rain fell about 9h. A.M. A thunder-storm at Liverpool at noon, with hail.
FRIDAY .	26	Positive, with weak tension.	Cloudy throughout. Rain fell in the evening. Frequent flashes of lightning at night.
SATURDAY .	27	Weak positive in morning.	Cloudy, but generally fine till night. Rain fell at night after 6h. P.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·30 in. at the beginning of the week to 28·88 in. by 6h. P.M. on the 21st; increased to 29·64 in. by noon on the 25th; decreased to 29·60 in. on the same day at 9h. P.M.; increased to 29·72 in. by 9h. A.M. on the 26th; decreased to 29·55 in. by 8h. P.M. on the 27th; and was 29·59 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
6th May 1872.

United Kingdom.

During the week ending Saturday the 4th instant, 5441 *births* and 3488 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 38 per 1000 persons living, in Glasgow 25 per 1000, and in Dublin 37; 57 deaths were referred to small-pox in Dublin, against 83, 52, and 60 in the three previous weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 35, Norwich 20, Bristol 22, Wolverhampton 24, Birmingham 22, Leicester 34, Nottingham 21, Liverpool 25, Manchester 26, Salford 26, Oldham 25, Bradford 29, Leeds 29, Sheffield 24, Hull 25, Sunderland 20, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 126 and 149, were 146 last week; of these, 62 occurred in London, 27 in Portsmouth, 12 in Leicester, 8 in Leeds, 7 each in Sheffield and Hull, and 6 in Norwich. The annual death-rate from this disease was equal to 12 per 1000 in Portsmouth, 6 in Leicester, 4 in Norwich, 3 in Hull, 2 each in Nottingham and Leeds, and one in Sheffield; this mortality showed a considerable increase in Portsmouth, while it had declined in both Sheffield and Leeds.

London.

In London 2340 births and 1387 deaths were registered last week. After making due allowance for increase of population, the births were 12, and the deaths 117, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes has been equal to about 22 per 1000 persons living in each of the three past weeks. The rate last week, after correction for deaths in institutions, was 23 in the West, 19 in the North, 23 in the Central, 25 in the East, and 21 in the South groups of Districts.

The 1387 deaths included 62 from small-pox, 64 from measles, 11 from scarlet fever, 6 from diphtheria, 81 from whooping-cough, 20 from different forms of fever (of which 5 were certified as typhus, 10 as enteric or typhoid, and 5 as simple continued fever), and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 253 deaths were referred, against 250 and 249 in the two preceding weeks. The increase in the fatal cases of small-pox and measles was about balanced by the decrease of deaths from the other zymotic diseases. Measles again showed a fatal prevalence in Marylebone. Two deaths from typhus were returned in Bow sub-district. The 81 deaths from whooping-cough, although below the number returned in recent weeks, exceeded by 17 the corrected average number in the corresponding week of the last ten years. The death of a child, aged 4 years, in Chelsea, was certified from "choleraic diarrhœa, 24 hours."

The fatal cases of small-pox, which in the four previous weeks had steadily declined from 65 to 41, rose again last week to 62, of which 17 were recorded in the special small-pox hospitals, against 20 and 15 in the two preceding weeks. Out of those institutions, 5 deaths each from small-pox were returned in Poplar and Plumstead East, 4 in Bethnal Green, and 3 each in Mile End Old Town Eastern and Bow sub-districts. In Plumstead East sub-district there are living about 50 of the "peculiar people," among whom small-pox is raging severely, resulting in 3 deaths from this disease last week; inquests were held on 2 of these cases, and verdicts of manslaughter were returned, on the ground of culpable negligence.

The mean temperature of last week was 52°·6, and 2°·8 above the average for the same week in fifty years; an excess prevailed on each day, and the thermometer

in the sun rose to 141° on Wednesday. The deaths referred to diseases of the respiratory organs, including phthisis, were 432 last week, against 443 and 444 in the two preceding weeks; this number was slightly below the corrected average.

To different forms of violence 61 deaths were referred; 47 were the result of negligence or accident, including 13 from fractures and contusions, 5 from burns and scalds, 6 from drowning, and 19 from suffocation, of which 16 were of infants under one year of age. The death of a labourer in the Middlesex Hospital was referred to glanders. Nine cases of suicide, 4 of infanticide, and one of murder, were registered during the week.

Two of the deaths from fractures and contusions, resulting from negligence or accident, were of children, caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 63 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 5th instant; of these, 57 occurred in the Metropolitan, and 6 in the City Police Districts.

In the large Public Institutions 242 deaths were recorded, or 17 per cent. of the total deaths; of these 108 occurred in Workhouses and 124 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 9th April were 459, and the mortality was at the annual rate of 29 per 1000; the deaths from small-pox were 130, against 92 and 85 in the two previous weeks. In Madras the 224 deaths in the week ending 22d March showed an annual death-rate equal to 30 per 1000 of the population. In Calcutta 185 deaths were returned in the week ending 16th March, and the annual rate was 22 per 1000.

Foreign Cities.

In Paris 872 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 25 per 1000 of the estimated population. In Brussels 91 deaths occurred in the week ending 27th ultimo, and the annual death-rate was 26 per 1000. In Berlin during the week ending 2d instant 432 deaths were recorded, showing an annual rate of 27 per 1000; the deaths from small-pox declined to 21, from 28 and 30 in the two previous weeks. In Rome 190 deaths (including 15 from small-pox) were registered in the week ending 21st ultimo, and the annual death-rate was 41 per 1000.

In the City of New York 691 deaths were registered in the week ending April 13th, and the equivalent annual rate of mortality was 38 per 1000; the deaths referred to cerebro-spinal meningitis, which in the two preceding weeks had been 18 and 31, further rose to 52.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·95 in.; the highest reading was 30·27 in. on Tuesday morning, and the lowest 29·35 in. at the end of the week. The mean temperature of the *air* was 52°·6, or 2°·8 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was above the average on each day of the week; on Monday it was 50°·0, and 1°·2 above the average, and on Thursday 54°·8, showing an excess of 4°·5. The highest day temperature in the shade was 70°·3 on Thursday, and the lowest night temperature 37°·3 on Wednesday; the entire range in the week was, therefore, 33°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 141°·0 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 9°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 54°·1. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9 miles per hour. *Rain* fell on Sunday and Saturday to the amount of ·14 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 50°·2 in Salford, to 53°·8 in Bradford; the lowest recorded night temperature was 36°·5 in Leicester, and the highest day temperature in the shade 74°·0 in Norwich. Rain was measured in each of these towns, except in Newcastle; the amounts varied from ·02 of an inch in Norwich to ·68 in Bradford.

In Centigrade degrees the mean temperature of the air at Greenwich was 11°·4, or 1°·6 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 21°·3, the lowest night temperature 3°·0, and the highest temperature in the sun 60°·6. The wind blew at the rate of 15 kilometres an hour, and the rain-fall measured ·36 of a centimetre.

According to returns furnished by the engineer of the Metropolitan Board of Works, the daily average quantity of sewage pumped into the River Thames at Crossness was 220,777 cubic metres, and at Barking 263,974 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births and Deaths** Registered LAST WEEK, and in the EIGHTEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1971	1975	1879	2074	2002	2381	2331	2025	2277	2251	2116·6	2340
Males . .	987	1002	967	1006	1003	1193	1198	1063	1148	1144	1071·1	1219
Females .	984	973	912	1068	999	1188	1133	962	1129	1107	1045·5	1121
TOTAL **Deaths**	1314	1374	1317	1236	1545	1237	1392	1421	1314	1522	1367·2	1387
Males . .	659	705	651	627	782	642	696	717	680	787	694·6	725
Females .	655	669	666	609	763	595	696	704	634	735	672·6	662

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Feb. 10.	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.
TOTAL **Deaths** - - -	1524	1320	1488	1423	1565	1475	1463	1641	1559	1470	1410	1415	1387
Deaths under 5 years of age -	634	581	634	624	666	648	636	667	698	630	620	572	565
Deaths 5—20 - - -	102	91	92	96	123	96	98	132	95	109	95	110	108
Deaths 20—40 - - -	220	157	213	188	228	209	210	239	171	195	191	198	215
Deaths 40—60 - - -	230	219	261	234	244	218	205	264	261	238	219	250	260
Deaths 60—80 - - -	278	224	237	235	242	248	258	275	285	244	241	233	199
Deaths at 80 years & upwards	60	48	51	46	62	56	56	64	49	54	44	52	40
Deaths from Small-pox - -	63	48	53	52	49	42	48	55	65	49	48	41	62
,, ,, Measles - -	40	30	52	41	52	40	66	63	68	66	77	58	64
,, ,, Scarlet Fever -	31	16	32	21	29	19	19	22	23	26	11	17	11
,, ,, Diphtheria -	3	6	2	5	8	3	6	4	3	6	7	7	6
,, ,, Whooping-cough	88	99	97	95	111	111	102	118	118	100	72	85	81
,, ,, Typhus fever -	4	3	3	3	5	7	7	3	3	2	3	3	5
,, ,, Enteric (or Typhoid) fever -	15	20	15	12	10	16	19	16	19	12	16	17	10
,, ,, SimpleContfever	8	6	14	6	9	6	5	7	2	4	3	6	5
,, ,, Diarrhœa - -	13	11	8	10	12	16	15	9	7	10	13	15	9
,, ,, Simple Cholera -	—	—	—	—	1	—	—	—	—	—	—	—	1
,, ,, Phthisis - -	160	141	168	155	174	187	177	218	152	190	175	178	193
,, ,, Bronchitis - -	193	163	158	168	181	197	203	225	216	149	151	149	146
,, ,, Pneumonia -	80	57	78	82	107	82	87	110	83	91	78	91	62
,, ,, Heart Disease -	71	59	80	68	75	73	64	79	73	66	67	80	64
Mean Temperature of the Air	46°·6	43°·8	44°·9	45°·6	48°·7	44°·6	38°·9	43°·5	44°·7	51°·4	46°·2	50°·1	52°·6
Mean Temperature of the Water of the Thames -	44·2	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1
Humidity of the Air - -	87	86	85	86	80	80	85	88	84	73	71	77	72
Hain-fall in inches - -	0·20	0·11	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Table 3.—Births and Deaths registered, and Meteorology, during the Week ending Saturday the 4th day of May 1872, in the following large Towns.

Cities and Boroughs. (*Municipal Boundaries for all except* London.)	Area in Acres.	Population estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	Births registered during the Week ending 4th May 1872.	Deaths registered during the Week ending 4th May 1872.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fall. In Inches.	In Centimetres
Total of 21 Towns in the United Kingdom	217,531	7,393,052	34·0	5441	3488	74·0	36·5	51·5	10·83	0·36	0·91
London	78,080	3,311,298	42·4	2340	1387	70·3	37·3	52·6	11·44	0·14	0·36
Portsmouth	9,513	115,455	12·1	68	77	71·2	37·2	51·0	10·56	0·27	0·69
Norwich	7,472	81,105	10·9	56	31	74·0	37·0	52·5	11·39	0·02	0·05
Bristol	4,688	186,428	39·8	104	77	—	—	—	—	—	—
Wolverhampton	3,387	69,268	20·5	47	32	70·4	38·9	50·7	10·39	0·12	0·30
Birmingham	7,831	350,164	44·7	262	145	—	—	—	—	—	—
Leicester	3,200	99,143	31·0	63	64	71·7	36·5	51·2	10·67	0·34	0·86
Nottingham	1,996	88,225	44·2	71	36	73·4	36·8	52·4	11·33	0·44	1·12
Liverpool	5,108	499,897	97·9	435	242	68·0	41·8	51·4	10·78	0·17	0·43
Manchester	4,486	352,759	78·6	257	176	—	—	—	—	—	—
Salford	5,172	127,923	24·7	99	64	71·5	38·4	50·2	10·11	0·27	0·69
Oldham	4,167	84,004	20·2	52	41	—	—	—	—	—	—
Bradford	6,590	151,720	23·0	87	83	69·0	45·0	53·8	12·11	0·68	1·73
Leeds	21,572	266,564	12·4	216	149	70·0	39·0	52·1	11·17	0·55	1·40
Sheffield	22,830	247,847	10·9	229	113	70·0	37·7	51·8	11·00	0·20	0·51
Hull	3,562	124,976	35·1	92	61	71·0	37·0	50·7	10·39	0·17	0·43
Sunderland	3,306	100,665	30·4	89	38	—	—	—	—	—	—
Newcastle-on-Tyne	5,336	130,764	24·5	91	66	65·0	43·0	50·7	10·39	0·00	0·00
Edinburgh	4,427	205,146	46·3	165	148	63·0	38·0	50·5	10 28	0·20	0·51
Glasgow	5,063	489,136	94·8	431	238	58·4	40·2	49·9	9·94	0·33	0·84
Dublin	9,745	310,565	31·9	187	220	66·1	39·0	53·2	11·78	1·83	4·65

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 187 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevaile between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at th Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Preliminar Census Report. The population of Dublin is taken as stationary.

Table 4.—Deaths and Rate of Mortality in 18 large English Towns, and in Dublin, during the Week ending Saturday the 4th day of May 1872.

Boroughs, &c. (*Municipal Boundaries for all except* London.)	Annual Rate of Mortality per 1000 living.	Deaths from all Causes.	The Deaths registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions
Total of 18 Towns	24	2882	701	515	146	97	33	11	140	52	20	118	203	41
London	22	1387	317	239	62	64	11	6	81	20	9	61	115	242
Portsmouth	35	77	13	10	27	6	–	–	–	2	–	1	2	10
Norwich	20	31	5	10	6	–	–	–	–	2	–	–	–	5
Bristol	22	77	13	17	5	1	1	–	1	3	–	2	2	15
Wolverhampton	24	32	6	8	–	–	1	–	1	1	–	–	1	5
Birmingham	22	145	40	32	4	4	1	1	2	3	1	8	13	18
Leicester	34	64	12	17	12	–	–	–	1	–	–	2	3	6
Nottingham	21	36	5	8	4	–	–	–	–	1	–	–	1	8
Liverpool	25	242	75	46	1	7	5	3	20	6	2	16	16	31
Manchester	26	176	46	27	2	1	2	–	9	6	–	6	26	23
Salford	26	64	16	6	–	–	4	1	5	–	1	4	5	8
Oldham	25	41	11	8	–	–	–	–	2	–	1	–	1	–
Bradford	29	83	22	11	–	8	–	–	3	2	–	1	1	7
Leeds	29	149	43	27	8	4	2	–	7	–	2	5	6	13
Sheffield	24	113	35	16	7	–	4	–	5	3	1	4	6	9
Hull	25	61	11	14	7	–	–	–	2	–	2	3	4	7
Sunderland	20	38	9	6	–	–	2	–	–	2	–	2	3	7
Newcastle-on-Tyne	26	66	22	13	1	2	–	–	1	1	1	3	4	5
Dublin	37	220	34	39	57	5	4	1	1	7	1	9	4	71

TABLE 5.—DEATHS Registered in LONDON in the EIGHTEENTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 4, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—5.	5—20.				
Mean Temperature	50°0	52°6						
ALL CAUSES	1367·2	1387	565	108	215	260	199	40
SPECIFIED CAUSES	1352·5	1383	563	108	214	260	198	40
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox	47·3	62	22	24	8	8	-	-
Measles	35·7	64	59	5	-	-	-	-
Scarlet Fever (Scarlatina)	42·6	11	9	2	-	-	-	-
Diphtheria	7·3	6	4	2	-	-	-	-
Quinsy	·9	-	-	-	-	-	-	-
Croup	13·5	13	12	1	-	-	-	-
Whooping-cough	58·0	81	79	2	-	-	-	-
Typhus / Enteric or Typhoid Fever / Simple continued Fever	49·0	5	1	-	3	1	-	-
		10	2	3	5	-	-	-
		5	3	-	1	-	1	-
Erysipelas	5·2	3	1	1	-	-	-	1
Puerperal Fever (Metria)	3·9	4	-	1	3	-	-	-
Carbuncle	·5	-	-	-	-	-	-	-
Influenza	·8	1	-	-	-	1	-	-
Dysentery	1·4	1	-	-	1	-	-	-
Diarrhœa	14·6	9	9	-	-	-	-	-
Simple Cholera	·4	1	1	-	-	-	-	-
Ague	·5	-	-	-	-	-	-	-
Remittent Fever	·6	2	-	2	-	-	-	-
Rheumatism	6·7	8	-	1	3	2	2	-
Other *Zymotic* Diseases	·3	-	-	-	-	-	-	-
ORDER 2.								
Syphilis	8·0	7	7	-	-	-	-	-
Stricture of Urethra	·9	-	-	-	-	-	-	-
Hydrophobia	—	-	-	-	-	-	-	-
Glanders	—	1	-	-	1	-	-	-
ORDER 3.								
Privation	1·0	-	-	-	-	-	-	-
Want of Breast-milk	6·3	5	5	-	-	-	-	-
Purpura and Scurvy	2·3	1	1	-	-	-	-	-
Alcoholism: *a* Del. Tremens	2·7	-	-	-	-	-	-	-
b Intemperance	2·0	3	-	-	-	3	-	-
ORDER 4.								
Thrush	2·7	-	-	-	-	-	-	-
Worms, &c.	·5	2	-	-	-	2	-	-
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout	1·1	5	-	-	1	3	1	-
Dropsy	13·7	13	1	1	1	3	7	-
Cancer	30·3	37	-	-	5	21	10	1
Cancrum Oris (Noma)	·5	2	1	1	-	-	-	-
Mortification	3·4	2	-	-	-	-	2	-
ORDER 2.								
Scrofula	10·7	14	10	2	1	-	1	-
Tabes Mesenterica	19·5	19	17	2	-	-	-	-
Phthisis	181·9	193	9	21	99	55	9	-
Hydrocephalus	32·2	27	25	2	-	-	-	-
I. LOCAL DISEASES.								
ORDER 1.								
Cephalitis	16·1	22	14	4	3	1	-	-
Apoplexy	34·5	45	2	1	6	20	13	3
Paralysis	29·9	28	-	1	5	7	13	2
Insanity	1·4	4	-	-	-	3	1	-
Chorea	·3	-	-	-	-	-	-	-
Epilepsy	7·0	5	-	-	3	2	-	-
Convulsions	52·7	41	40	1	-	-	-	-
Brain Disease, &c.	17·4	11	3	-	2	3	3	-
ORDER 2.								
Pericarditis	2·8	6	1	1	-	4	-	-
Aneurism	2·9	6	-	-	2	3	1	-
Heart Disease, &c.	55·2	64	-	4	11	26	23	-
ORDER 3.								
Laryngitis	6·9	5	4	1	-	-	-	-
Bronchitis	121·5	146	62	2	5	25	47	5
Pleurisy	2·7	5	1	-	2	2	-	-
Pneumonia	71·0	62	44	2	5	8	3	-
Asthma	6·5	9	-	-	1	4	3	1
Lung Disease, &c.	12·1	12	5	1	1	3	1	1
ORDER 4.								
Gastritis	2·3	4	-	-	1	2	1	-
Enteritis	6·2	4	2	1	-	1	-	-
Peritonitis	4·9	2	-	1	1	-	-	-
Ascites	2·7	2	1	-	-	-	1	-
Ulceration of Intestines	3·6	2	-	1	1	-	-	-
Hernia	2·6	4	-	-	-	2	2	-
Ileus	3·5	3	-	-	1	1	1	-
Intussusception	·4	2	-	-	-	2	-	-

CAUSES OF DEATH.	Average in the Eighteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 4, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0—5.	5—20.				
Mean Temperature	50°0	52°6						
9. Stricture of Intestines	·6	3	-	-	2	-	1	-
10. Fistula	·4	1	-	-	-	-	1	-
11. *Stomach Disease, &c.*	6·4	4	1	1	1	1	-	-
12. *Pancreas Disease, &c.*	—	-	-	-	-	-	-	-
13. Hepatitis	3·5	2	-	-	-	2	-	-
14. Jaundice	5·4	4	1	-	-	1	1	1
15. *Liver Disease, &c.*	15·1	12	-	-	1	7	4	-
16. *Spleen Disease, &c.*	·2	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis	1·0	5	-	-	-	3	2	-
2. Ischuria	·3	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	10·4	18	-	1	7	8	2	-
4. Diabetes	1·1	3	-	1	-	1	1	-
5. Calculus (Stone)	1·0	-	-	-	-	-	-	-
6. Cystitis	·8	2	-	-	1	-	1	1
7. *Kidney Disease, &c.*	7·2	7	1	-	1	2	3	-
ORDER 6.								
1. Ovarian Dropsy	1·0	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	4·6	4	-	-	3	-	1	-
ORDER 7.								
1. Synovitis (Arthritis)	·4	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	6·0	4	1	1	-	2	-	-
ORDER 8.								
1. Phlegmon	1·7	2	-	-	-	2	-	-
2. Ulcer	1·1	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·3	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth	22·3	15	15	-	-	-	-	-
2. Cyanosis	2·0	2	1	1	-	-	-	-
3. Spina Bifida	1·0	1	1	-	-	-	-	-
4. Other Malformations	1·7	-	-	-	-	-	-	-
5. Teething	17·9	15	15	-	-	-	-	-
ORDER 2.								
1. Paramenia	—	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·6	3	-	-	3	-	-	-
ORDER 3.								
1. Old Age	47·8	48	-	-	-	-	24	24
ORDER 4.								
1. Atrophy and Debility	58·8	56	45	2	1	2	6	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	18·0	13	2	3	1	3	4	-
2. Wounds: Gunshot	·4	-	-	-	-	-	-	-
2. Wounds: Cut, Stab		-	-	-	-	-	-	-
3. Burns and Scalds	4·0	5	2	1	-	2	-	-
4. Poison	1·3	-	-	-	-	-	-	-
5. Drowning	6·8	6	-	-	3	3	-	-
6. Suffocation	6·3	19	16	2	1	-	-	-
7. Otherwise	2·6	4	1	1	2	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·8	5	4	-	1	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds: Gunshot	·2	2	-	-	1	1	-	-
1. Wounds: Cut, Stab	1·6	2	-	-	-	1	1	-
2. Poison	1·8	1	-	-	-	-	1	-
3. Drowning	1·8	1	-	-	1	-	-	-
4. Hanging	2·2	1	-	-	1	-	-	-
5. Otherwise	·7	2	-	-	1	1	-	-
ORDER 5. (EXECUTION.)								
1. Hanging	·2	-	-	-	-	-	-	-
Violent Deaths (not classed)	·2	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	2·8	1	-	-	-	-	1	-
Causes not specified or ill-defined	11·9	3	2	-	1	-	-	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2340	1387	317	239	62	64	11	6	81	5	10	5	9	61	115
WEST DISTRICTS	561,189	328	242	59	40	7	12	4	2	6	1	1	1	2	9	16
NORTH DISTRICTS	751,668	558	291	63	55	19	21	3	1	20	1	2	1	3	12	19
CENTRAL DISTRICTS	333,887	221	150	29	24	2	9	–	2	10	–	1	–	–	9	17
EAST DISTRICTS	638,928	540	321	89	52	17	11	2	–	29	3	4	1	1	14	31
SOUTH DISTRICTS	966,132	693	383	77	68	17	11	2	1	16	–	2	2	3	17	32
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	42	22	5	2	–	1	–	–	1	–	–	–	–	1	2
St. John Paddington H	38082	22	18	3	4	–	–	1	–	–	–	–	–	–	2	2
Kensington Town *WL*	91583	51	48	12	7	2	1	2	–	1	–	–	1	–	3	5
Brompton H	28651	7	11	–	4	–	1	–	–	–	–	–	–	1	–	–
St. Peter Hammersmith	6662	2	4	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	27	11	2	1	–	–	–	–	1	–	1	–	–	2	2
Fulham *WLLLL*	23378	18	11	6	2	–	–	–	–	1	–	–	–	–	–	–
Chelsea South HH	26419	20	11	2	1	–	2	–	–	–	–	–	–	–	–	–
Chelsea North-west *HWw*	23278	12	13	2	3	2	–	1	–	–	–	–	–	–	–	1
Chelsea North-east L	21389	8	5	3	1	1	–	–	–	–	–	–	–	1	–	–
Hanover Square	18700	8	7	2	–	–	1	–	–	1	–	–	–	–	–	–
May Fair *W*	13020	4	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	27	30	6	6	–	3	–	1	1	–	–	–	–	1	2
St. John Westminster HHH	38470	28	25	9	4	1	2	–	1	–	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	19	6	1	2	–	–	–	–	1	–	–	–	–	–	1
St. James's Square	10453	6	4	3	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	8	5	–	1	1	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	8	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	11	7	2	–	–	1	–	–	–	–	–	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	17	15	3	1	–	1	–	–	–	–	–	–	1	1	4
Cavendish Square	15419	5	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	18	13	1	3	–	4	–	–	–	–	–	1	–	–	–
St. Mary Marylebone H	21795	35	8	3	–	–	–	–	1	–	–	–	–	–	–	–
Christchurch Marylebone	33892	17	19	8	4	–	5	–	–	3	–	–	1	–	1	1
St. John Marylebone	33110	22	14	3	2	–	3	–	–	–	–	–	–	–	–	2
Hampstead *WHH*	32271	9	8	1	1	3	–	–	–	1	–	–	–	–	–	–
Regent's Park Pancras	38192	21	13	2	2	–	–	–	–	1	–	–	–	–	–	–
Tottenham-court *wH*	29360	24	12	1	4	–	–	–	–	–	–	–	–	–	4	2
Gray's Inn Lane H	29216	21	13	4	1	–	3	–	–	2	–	–	–	–	3	3
Somers Town	38562	21	13	2	1	1	–	–	–	4	–	–	–	–	–	–
Camden Town *W*	18066	27	16	2	7	–	–	–	–	1	–	–	–	–	2	3
Kentish Town *W*	68198	60	22	9	1	1	–	1	–	–	–	–	–	–	–	–
Islington West HHH	97801	73	27	6	7	–	1	–	–	3	–	–	–	–	–	–
Islington East *WwH*	115948	90	42	9	11	1	2	1	–	3	–	–	–	1	–	–
Stoke Newington L	9810	8	4	–	–	1	2	1	–	–	–	–	–	–	–	–
Stamford Hill	6599	4	5	–	–	1	–	–	–	–	–	–	–	–	1	2
West Hackney	28076	27	12	3	3	–	–	–	–	1	–	–	–	–	–	1
Hackney *WwHHL*	50087	35	25	2	4	10	–	–	–	1	1	2	1	–	–	1
South Hackney L	30305	24	8	3	2	1	–	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	4	–	1	–	1	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	21	10	1	3	–	2	–	–	–	–	–	–	–	–	1
St. Giles North	16497	11	5	1	–	–	–	–	–	1	–	–	–	–	1	1
Long Acre	11326	12	6	2	1	–	–	–	–	1	–	1	–	–	–	–
Charing Cross H	9831	3	2	–	1	–	–	–	–	–	–	–	–	–	1	1
St. Mary-le-Strand	9376	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	3	10	2	1	1	–	–	–	–	–	–	–	–	2	3
St. George-the-Martyr HHH	20521	10	12	–	1	–	1	–	1	–	–	–	–	–	–	1
St. Andrew East Holborn *W*	13528	11	10	3	3	–	–	–	–	–	–	–	–	–	1	1
Saffron Hill	9051	2	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	11	10	2	–	–	1	–	–	3	–	–	–	–	–	–
Amwell Clerkenwell	16878	10	5	2	1	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	9	2	1	–	–	–	–	–	1	–	–	–	–	–	–
Goswell-street	16220	12	7	2	2	1	–	–	–	1	–	–	–	–	–	–
Old-street H	12156	8	5	1	1	–	1	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	20	10	5	–	–	–	–	–	–	–	–	–	–	–	2
Whitecross-street	13790	20	9	2	1	–	3	–	–	–	–	–	–	–	1	1
Finsbury	10732	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	14	9	2	2	–	–	–	1	–	–	–	–	–	1	2
Cripplegate	13639	6	5	–	2	–	–	–	–	1	–	–	–	–	–	–
St. Sepulchre H	7562	3	12	–	1	–	–	–	–	1	–	–	–	–	2	2
St. Bride *W*	11184	3	2	–	–	–	–	–	–	1	–	–	–	–	–	–
Castle Baynard	4389	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	2	1	–	–	–	–	–	–	1	–	–	–	–	–	–
Queenhithe	4744	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	4	–	1	–	–	–	–	–	–	–	–	–	–	2
Broad Street	7838	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ʏᴇʀ, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district urday, 4th May 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
olywell Shoreditch	12429	11	3	1	-	-	-	-	-	3	-	-	1	-	-	2	1
. Leonard Shoreditch HL†	16545	9	13	4	1	-	-	-	-	3	-	-	-	-	1	1	6
oxton New Town *w*	27832	18	18	4	6	-	-	-	-	2	-	-	-	-	1	1	-
oxton Old Town	20944	14	6	2	1	-	-	-	-	2	-	-	-	-	1	3	9
aggerstone West *W*	24153	24	20	3	8	-	-	-	-	1	-	-	-	-	2	3	-
aggerstone East	19257	35	11	4	1	-	-	1	-	1	-	-	-	-	-	-	-
ackney-road	29808	16	6	1	2	-	-	-	-	1	-	-	-	-	-	-	-
reen, Bethnal Green *W*HL†	42443	36	23	8	2	4	-	-	-	2	-	-	-	-	2	4	6
urch, Bethnal Green	26574	23	11	5	2	1	1	-	-	-	-	-	-	-	-	-	-
own, Bethnal Green	21375	18	9	4	1	-	1	-	-	1	-	-	-	-	-	-	-
rtillery Whitechapel	6651	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
italfields	15844	28	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ile End New Town *W*	15550	19	13	1	4	-	-	-	-	-	-	-	-	-	1	-	-
hitechapel North	11434	13	6	1	2	-	-	-	-	-	-	-	1	-	-	2	6
hitechapel Church H	7323	6	11	2	2	-	-	-	-	-	-	-	-	-	-	-	8
oodman's Fields	10381	6	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-
dgate	9149	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East	17906	15	10	4	2	-	-	-	-	1	-	-	-	-	1	2	-
. Paul St. George East	21356	17	8	3	-	1	-	-	-	-	-	-	1	-	1	-	-
. John St. George East *W*	8973	7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	2
hadwell	11623	5	5	1	1	-	1	-	-	1	-	-	-	-	-	-	-
atcliff H	15930	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	2
imehouse *W*	30025	21	9	-	1	-	2	1	-	2	-	-	-	-	-	-	2
ile End Old Town West	38126	34	13	5	-	-	-	-	-	4	-	-	-	-	4	4	-
ile End Old Town East *Ww*H	35020	47	34	9	5	3	2	-	-	2	-	1	-	-	-	5	5
ow *Ww*HL†	67777	48	37	9	5	3	1	-	-	4	2	-	-	-	-	1	6
oplar *WW*	48500	48	32	9	3	5	3	-	-	1	1	1	-	-	1	2	2
South Districts.																	
hristchurch Southwark *W*	14547	9	3	-	1	1	-	-	-	-	-	-	-	-	-	-	1
t. Saviour Southwark H	15667	14	13	3	1	1	1	-	-	-	-	-	-	-	-	1	-
ent-road	20480	15	7	2	1	-	-	1	-	-	-	-	-	-	-	-	-
orough-road *W*H	16094	11	7	2	1	-	-	-	-	-	-	-	-	-	-	1	2
ondon road L	18959	14	10	-	1	-	1	-	-	-	-	-	-	-	-	-	-
rinity Newington	23673	23	5	2	1	-	-	-	1	-	-	-	-	-	-	-	-
t. Peter Walworth *W*	48232	25	11	3	1	-	1	-	-	1	-	-	-	-	-	-	-
t. Mary Newington	16786	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Olave Southwark H	4157	3	19	1	1	-	-	-	-	-	-	-	-	-	2	2	17
t. John Horsleydown *W*	10595	13	4	-	2	-	-	-	-	-	-	-	-	-	-	-	1
eather Market	16785	16	5	2	-	1	-	-	-	2	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15707	9	8	2	3	-	-	-	-	-	-	-	-	-	-	-	2
t. James Bermondsey	47921	42	19	6	2	-	1	-	-	4	-	-	-	-	-	1	-
otherhithe *W*	25873	18	12	1	2	-	-	-	-	1	-	-	-	-	1	1	1
Waterloo-road 1st H	14083	7	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd H	18453	10	8	-	2	-	1	-	-	-	-	1	-	-	1	1	-
Lambeth Church 1st H	19470	22	10	-	1	-	-	-	-	-	-	-	-	-	-	-	6
Lambeth Church 2nd *W*	35831	34	15	1	9	-	-	-	-	-	-	-	-	-	-	1	6
Kennington 1st *W*	41284	30	9	2	1	-	1	1	-	-	-	-	-	-	-	-	-
Kennington 2nd	31213	15	7	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Brixton HL	35431	18	22	4	7	6	-	-	-	2	-	1	-	-	1	2	5
Norwood *W*	12534	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Clapham HL	27348	17	5	3	1	-	1	-	-	1	-	-	1	-	-	1	3
Battersea *W*	53988	51	21	6	4	-	2	-	-	1	-	-	-	-	1	2	4
Wandsworth HL	10797	12	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Putney	8438	5	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Streatham	14479	4	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Dulwich	4041	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *W*L†L†	31251	18	9	2	1	-	-	-	-	-	-	-	-	-	-	-	4
Peckham *W*	42159	32	15	5	4	-	-	-	-	-	-	-	1	-	1	3	-
St. George Camberwell	33851	28	13	1	2	-	-	-	-	1	-	-	-	-	-	-	-
St. Paul Deptford	55696	53	19	6	2	-	-	-	-	2	-	-	-	1	1	1	-
St. Nicholas Deptford	6487	3	5	1	2	-	-	-	-	-	-	-	-	-	-	2	-
Greenwich West	21093	11	8	2	-	-	1	-	-	-	-	-	-	-	-	1	-
Greenwich East *WH*	19320	13	13	3	2	-	-	-	-	-	-	-	-	-	2	3	5
Eltham	4528	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	16430	9	8	2	2	-	1	-	-	-	-	-	-	-	1	1	-
Lewisham Village *W*	11508	6	6	2	2	-	-	-	-	-	-	-	-	-	1	1	-
Sydenham	19016	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Charlton H	9503	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	17229	7	5	1	-	1	-	-	-	-	-	-	1	-	-	-	-
Woolwich Arsenal H	18319	11	7	1	-	1	-	-	-	-	-	-	-	1	1	1	-
Plumstead West	13028	14	6	1	2	-	-	-	-	-	-	-	-	-	3	3	-
Plumstead East *W*	15290	8	13	1	2	5	-	-	-	-	-	-	-	-	-	2	4

The following are Outlying Workhouses (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 4th MAY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	28	..	29·778	59·0	43·4	15·6	50·1	45·1	77·0	33·8	53·8	52·3	5·0	9·9	1·8	+ 1·7	83	Calm & SW.	NNW.	3·1	0·0	0·2	220	0·05	..
MONDAY .	29	..	30·216	63·6	37·8	25·8	50·0	42·6	111·7	29·0	54·0	52·3	7·4	17·1	1·9	+ 1·2	76	WSW. & W.	Variable	0·2	0·0	0·0	98	0·00	..
TUESDAY .	30	Last Qr.	30·246	66·2	40·0	26·2	52·7	43·9	122·0	31·7	54·2	52·3	8·8	18·4	0·0	+ 3·4	72	Calm	NE. & ESE.	0·5	0·0	0·0	90	0·00	..
MAY.																									
WEDNESDAY	1	..	30·159	68·5	37·3	31·2	53·2	40·2	141·0	28·4	54·4	52·5	13·0	23·4	0·7	+ 3·4	61	Calm & NE.	E. & SE.	0·4	0·0	0·0	119	0·00	..
THURSDAY .	2	..	30·027	70·3	37·6	32·7	54·8	43·8	102·1	27·1	55·4	53·0	11·0	22·3	2·2	+ 4·5	67	SW. & W.	N. by W. & N	0·3	0·0	0·0	108	0·00	..
FRIDAY .	3	..	29·855	66·6	46·5	20·1	54·8	46·5	125·5	36·6	56·4	54·0	8·3	16·3	1·9	+ 4·0	74	N. & SW.	SW.	4·1	0·0	0·7	340	0·00	..
SATURDAY .	4	In Equator	29·395	59·8	47·7	12·1	52·8	42·5	130·6	43·0	57·2	54·8	10·3	13·7	4·6	+ 1·6	68	WSW.	WSW.	21·0	0·1	2·2	593	0·09	..
MEANS . .		..	29·954	64·9	41·5	23·4	52·6	43·5	115·7	32·8	55·1	53·0	9·1	17·3	1·9	+ 2·8	72	Variable.		..	..	..	Sum 1568	Sum 0·14	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
APRIL.			
SUNDAY .	28	In the afternoon strong negative was observed; weak positive at other times.	Rain fell more or less continuously till 4h. P.M. Overcast till 8h. P.M.; then cloudless and very fine.
MONDAY .	29	Negative, with variable tension, till night; then weak positive.	Very fine and bright in early morning and at night. Cloudy during the day generally.
TUESDAY .	30	Moderate positive occasionally.	A fine day. Small amounts of cloud present at times. A very remarkable mist prevalent at mid-day.
MAY.			
WEDNESDAY	1	Positive, with weak tension.	Cloudless throughout and very fine.
THURSDAY .	2	Weak positive in morning.	The amount of cloud variable throughout. Fine, but hazy.
FRIDAY .	3	Weak positive.	Cloudy. A little thin rain fell at 1h. P.M., and again at night.
SATURDAY .	4	Positive, with weak tension, in the morning.	Generally very fine, though occasional heavy showers of rain fell, accompanied by strong wind.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·59 in. at the beginning of the week to 30·27 in. by 9h. A.M. on the 30th of April; decreased to 30·00 in. by 3h. P.M. on the 2d of May; increased to 30·03 in. by 9h. P.M. on the same day; and decreased to 29·35 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
13th May 1872.

United Kingdom.

During the week ending Saturday the 11th instant, 5142 *births* and 3196 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 30 per 1000 persons living, in Glasgow 29 per 1000, and in Dublin 31 ; the deaths referred to small-pox in Dublin were 47, against 60 and 57 in the two preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 20 per 1000; Portsmouth 21, Norwich 21, Bristol 16, Wolverhampton 24, Birmingham 20, Leicester 25, Nottingham 26, Liverpool 26, Manchester 27, Salford 24, Oldham 20, Bradford 21, Leeds 28, Sheffield 21, Hull 19, Sunderland 25, and Newcastle-upon-Tyne 27. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 149 and 146, declined last week to 113 ; of these, 39 occurred in London, 16 in Leicester, 11 in Portsmouth, 10 in Birmingham, 9 in Leeds, 6 in Hull, and 4 in Salford. The annual death-rate from this disease was equal to 8 per 1000 living in Leicester, 5 in Portsmouth, 3 in Hull, and 2 each in Leeds and Salford.

London.

In London 2123 births and 1250 deaths were registered last week. After making due allowance for increase of population, the births were 164, and the deaths so many as 227, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to about 22 per 1000 in each of the three preceding weeks, declined last week to 20 per 1000. The rate, after correction for deaths in institutions, was 20 in the West, 21 in the North, 19 in the Central, 21 in the East, and 18 in the South groups of Districts.

The 1250 deaths included 39 from small-pox, 35 from measles, 10 from scarlet fever, 9 from diphtheria, 83 from whooping-cough, 27 from different forms of fever (of which 4 were certified as typhus, 15 as enteric or typhoid, and 8 as simple continued fever), and 10 from diarrhœa; thus to the seven principal diseases of the zymotic class 213 deaths were referred, against 249 and 253 in the two preceding weeks. The fatal cases both of small-pox and measles showed a marked decline, but those of fever were somewhat more numerous. Measles was again prevalent in Marylebone and Bow. The 83 deaths from whooping-cough exceeded by 19 the corrected average number in the corresponding week of the last ten years ; the disease was especially fatal in Marylebone and Pancras Districts.

The fatal cases of small-pox, which in the two previous weeks had been 41 and 62, declined last week to 39, of which 15 were recorded in the special small-pox hospitals, against 15 and 17 in the two preceding weeks. Out of those institutions, 3 deaths from this disease were returned in Chelsea North-west, and 2 each in West Hackney and St. James (Bermondsey) sub-districts.

The mean temperature last week was only 47°·2, and 4°·2 below the average for the corresponding week in fifty years ; the mean on Sunday, 5th, was 51°·9 and showed a slight excess, while on Saturday it was but 42°·4 or 8°·8 below the average. The deaths referred to diseases of the respiratory organs, including phthisis, were 374 last week, against 444 and 432 in the two preceding weeks ; this number was 53 below the corrected weekly average.

The deaths registered in the week included 55 of persons aged 80 years and upwards ; of these, 4 were aged over 90 years, including the widow of a painter, who died in the St. Olave (Southwark) Workhouse, at the age, as stated, of 104 years.

To different forms of violence 48 deaths were referred; 39 were the result of negligence or accident, including 12 from fractures and contusions, 3 from burns and scalds, 7 from drowning, and 14 from suffocation, all of which were of infants under one year of age. Eight cases of suicide, and one of manslaughter, were registered during the week.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 52 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 12th instant; of these, 47 occurred in the Metropolitan, and 5 in the City Police Districts.

During the week 84 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 86 and 115 in the two preceding weeks; these showed a proportion to the total deaths of 6·7 per cent.

In the large Public Institutions 250 deaths were recorded, or 20 per cent. of the total deaths; of these 145 occurred in Workhouses, and 100 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 16th April were 427, including 85 fatal cases of small-pox, against 130 and 85 in the two preceding weeks. The official returns do not give for Bombay or Calcutta the results of the recent enumeration of their population, which appears to have been over-estimated in both cities. In Madras the 253 deaths in the week ending 29th March showed an annual death rate equal to 33 per 1000 of the recently enumerated population. In Calcutta 200 deaths were returned in the week ending 23d March.

Foreign Cities.

In Paris 740 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 79 deaths occurred in the week ending the 4th inst., and the annual death-rate was 22 per 1000. In Berlin during the week ending last Thursday 432 deaths were recorded, showing an annual rate of 27 per 1000; the deaths from small-pox further declined to 16, from 30 and 21 in the two previous weeks. In Rome 180 deaths were registered in the week ending 28th ultimo, and the annual death-rate was 38 per 1000.

In the City of New York 677 deaths (including 40 from small-pox, against 33 and 35 in the two previous weeks) were registered in the week ending 20th April, and the equivalent annual rate of mortality was 37 per 1000; 27 deaths were also referred to cerebro-spinal meningitis, against 31 and 52 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·56 in.; the highest reading was 30·07 in. on Friday evening, and the lowest 29·22 in. on Tuesday afternoon. The mean temperature of the *air* was 47°·2, or 4°·2 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday, 5th instant, was 51°·9, and slightly above the average, while it showed a considerable deficiency on each of the other days of the week; on Saturday the mean was only 42°·4, and 8°·8 below the average. The highest day temperature in the shade was 66°·1 on Sunday, and the lowest night temperature 34°·6 on Saturday; the entire range in the week was, therefore, 31°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 132°·2 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 6°·0. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 55°·3. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 15 miles per hour. *Rain* fell on each day of the week, except on Friday, to the amount of ·85 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 43°·9 in Manchester, to 50°·6 in Bradford; the lowest recorded night temperature was 32°·4 in Nottingham, and the highest day temperature in the shade 61°·8 in the same town. Rain was measured in each of these towns; the amounts varying between ·41 of an inch in Leeds, and 1·82 inches in Salford.

In Centigrade degrees the mean temperature of the air at Greenwich was 8°·4, or 2°·3 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 18°·9, the lowest night temperature 1°·5, and the highest temperature in the sun 55°·7. The wind blew at the rate of 24 kilometres an hour, and the rain-fall measured 2·16 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 264,037 cubic metres, and at Barking 270,649 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the NINETEENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL Births	1946	2155	1936	1999	2088	2148	2256	2012	2179	2071	2079·0	2123
Males . .	1015	1078	963	1008	1076	1119	1154	1024	1156	1043	1064·1	1117
Females .	981	1077	973	991	1012	1029	1102	988	1023	1023	1014·9	1006
TOTAL Deaths	1249	1459	1306	1167	1628	1235	1340	1279	1426	1341	1343 0	1250
Males . .	639	746	654	580	819	642	705	679	731	716	691·1	647
Females .	610	713	652	587	809	593	635	600	695	625	651·9	603

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Feb. 17.	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.
TOTAL Deaths - - -	1320	1488	1423	1565	1475	1463	1641	1559	1470	1410	1415	1387	1250
Deaths under 5 years of age -	581	634	624	666	648	636	667	698	630	620	572	565	499
Deaths 5—20 - - -	91	92	96	123	96	93	132	95	109	95	110	108	103
Deaths 20—40 - - -	157	213	188	228	209	210	239	171	195	191	198	215	186
Deaths 40—60 - - -	219	261	234	244	218	205	264	261	238	219	250	261	201
Deaths 60—80 - - -	224	237	235	242	248	258	275	285	244	241	238	199	206
Deaths at 80 years & upwards	48	51	46	62	56	56	64	49	54	44	52	49	55
Deaths from Smallpox - -	48	53	52	49	42	43	55	65	49	48	41	62	39
„ „ Measles - -	30	52	41	52	40	66	63	68	66	77	58	64	35
„ „ Scarlet Fever -	16	32	21	29	19	19	22	23	26	11	17	11	10
„ „ Diphtheria -	6	2	5	8	3	6	4	3	6	7	7	6	9
„ „ Whooping-cough	99	97	95	111	111	102	118	118	100	72	85	81	83
„ „ Typhus fever -	3	3	3	5	7	7	3	3	2	3	3	5	4
„ „ Enteric (or Typhoid) fever -	20	15	12	10	16	19	16	19	12	16	17	10	15
„ „ Simple Cont^{d} fever	6	14	6	9	6	5	7	2	4	3	6	5	8
„ „ Diarrhœa - -	11	8	10	12	16	15	9	7	10	13	15	9	10
„ „ Simple Cholera -	—	—	—	1	—	—	—	—	—	—	—	1	—
„ „ Phthisis - -	141	168	155	174	187	177	218	152	190	175	178	193	165
„ „ Bronchitis - -	163	158	168	181	197	203	225	216	149	151	149	146	121
„ „ Pneumonia -	57	78	82	107	82	87	110	83	91	78	91	62	58
„ „ Heart Disease -	59	80	68	75	73	64	79	73	66	67	80	64	58
Mean Temperature of the Air	43°8	44°9	45°6	48°7	44°6	38°9	43°5	44°7	51°4	46°2	50°1	52°6	47°2
Mean Temperature of the Water of the Thames -	45·2	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3
Humidity of the Air - -	86	85	86	80	80	85	88	84	73	71	77	72	80
Rain-fall in inches - -	0·11	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 11th day of May 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 11th May 1872.	DEATHS registered during the Week ending 11th May 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5142	3196	66·1	32·4	46·2	7·89	0·88	2·2
LONDON	78,080	3,311,298	42·4	2123	1250	66·1	34·6	47·2	8·44	0·85	2·1
PORTSMOUTH	9,513	115,455	12·1	66	47	60·0	33·8	46·9	8·28	0·62	1·5
NORWICH	7,472	81,105	10·9	46	33	59·2	33·0	46·6	8·11	0·50	1·2
BRISTOL	4,688	186,428	39·8	99	56	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	54	32	58·0	35·8	45·3	7·39	1·07	2·7
BIRMINGHAM	7,831	350,164	44·7	285	132	60·2	36·6	46·0	7·78	0·89	2·2
LEICESTER	3,200	99,143	31·0	82	47	60·7	34·7	47·0	8·33	1·18	3·0
NOTTINGHAM	1,996	88,225	44·2	63	44	61·8	32·4	46·8	8·22	0·99	2·5
LIVERPOOL	5,108	499,897	97·9	365	247	54·3	40·0	45·5	7·50	0·69	1·7
MANCHESTER	4,486	352,759	78·6	256	182	55·2	36·0	43·9	6·61	1·06	2·6
SALFORD	5,172	127,923	24·7	126	59	54·3	34·5	44·1	6·73	1·82	4·6
OLDHAM	4,167	84,004	20·2	50	32	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	134	62	56·3	46·5	50·6	10·33	0·59	1·5
LEEDS	21,572	266,564	12·4	250	141	56·0	38·0	46·6	8·11	0·41	1·0
SHEFFIELD	22,830	247,847	10·9	158	98	55·2	37·0	45·7	7·61	1·10	2·7
HULL	3,562	124,976	35·1	93	46	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	64	49	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	97	68	55·0	37·0	44·4	6·89	0·68	1·7
EDINBURGH	4,427	205,146	46·3	132	116	57·0	34·0	44·6	7·00	1·10	2·7
GLASGOW	5,063	489,136	94·8	415	268	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	184	187	59·5	33·5	47·2	8·44	0·54	1·3

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 18 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevail between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at t Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Prelimina Census Report. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 11th day of May 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	21	2625	661	511	113	65	34	15	139	53	31	99	161	41
LONDON	20	1250	285	261	39	35	10	9	83	27	10	48	84	25
PORTSMOUTH	21	47	8	9	11	3	–	–	–	1	1	2	4	
NORWICH	21	33	10	11	2	–	1	–	1	–	1	1	3	
BRISTOL	16	56	19	9	3	2	–	–	2	–	3	2	1	
WOLVERHAMPTON	24	32	7	8	–	–	1	–	–	1	–	–	–	
BIRMINGHAM	20	132	35	20	10	–	3	3	12	4	4	7	8	1
LEICESTER	25	47	8	8	16	–	–	–	1	–	1	2	3	
NOTTINGHAM	26	44	6	10	2	–	–	–	–	1	–	1	1	
LIVERPOOL	26	247	82	51	2	15	3	2	15	6	2	11	14	3
MANCHESTER	27	182	45	26	–	–	7	–	6	2	6	6	20	2
SALFORD	24	59	16		4	–	–	–	3	–	1	1	3	
OLDHAM	20	32	5	6	–	–	1	–	1	1	–	1	1	
BRADFORD	21	62	17	15	–	5	2	–	1	4	–	1	–	
LEEDS	28	141	53	24	9	2	–	–	7	1	–	4	4	1
SHEFFIELD	21	98	23	12	8	2	2	1	2	2	–	–	1	
HULL	19	46	9	14	6	–	–	–	3	–	–	3	3	
SUNDERLAND	25	49	11		–	1	4	–	2	1	1	4	4	
NEWCASTLE-ON-TYNE	27	68	22	1	1	–	–	–	–	2	1	5	7	1
DUBLIN	31	187	29	32	47	3	4	–	–	3	3	5	1	

Table 5. Deaths in London Registered in the Nineteenth Week of the Year 1872.

CAUSES OF DEATH.	Average in the Nineteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 11, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	53·0	47·2						
ALL CAUSES	1343·0	1250	499	103	186	201	206	55
SPECIFIED CAUSES	1327·3	1245	496	103	186	200	205	55
ZYMOTIC DISEASES.								
Order 1.								
Small-pox	40·5	39	15	14	9	1	–	–
Measles	38·4	35	34	1	–	–	–	–
Scarlet Fever (Scarlatina)	43·4	10	5	4	1	–	–	–
Diphtheria	7·5	9	4	3	1	–	1	–
Quinsy	1·1	1	1	–	–	–	–	–
Croup	13·6	9	7	2	–	–	–	–
Whooping-cough	58·1	83	76	7	–	–	–	–
Typhus	47·9	4	–	2	1	1	–	–
Enteric or Typhoid Fever		15	6	4	1	3	1	–
Simple continued Fever		8	2	1	–	2	3	–
Erysipelas	6·5	9	3	–	–	5	1	–
Puerperal Fever (Metria)	3·1	3	–	–	3	–	–	–
Carbuncle	·8	–	–	–	–	–	–	–
Influenza	·7	–	–	–	–	–	–	–
Dysentery	1·1	1	1	–	–	–	–	–
Diarrhœa	15·5	10	7	–	–	1	2	–
Simple Cholera	·5	–	–	–	–	–	–	–
Ague	·7	–	–	–	–	–	–	–
Remittent Fever	·9	1	–	–	–	–	1	–
Rheumatism	6·5	8	–	2	5	–	1	–
Other *Zymotic* Diseases	·2	1	–	1	–	–	–	–
Order 2.								
Syphilis	8·1	11	7	–	3	–	1	–
Stricture of Urethra	1·2	1	–	–	–	1	–	–
Hydrophobia	·1	–	–	–	–	–	–	–
Glanders	·1	–	–	–	–	–	–	–
Order 3.								
Privation	·3	–	–	–	–	–	–	–
Want of Breast-milk	7·7	10	10	–	–	–	–	–
Purpura and Scurvy	2·4	1	–	–	1	–	–	–
Alcoholism *a* Del. Tremens *b* Intemperance	2·8	1	–	–	–	1	–	–
	·9	–	–	–	–	–	–	–
Order 4.								
Thrush	2·6	3	3	–	–	–	–	–
Worms, &c.	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout	2·4	5	–	–	–	1	4	–
Dropsy	12·5	6	1	1	–	1	2	1
Cancer	30·5	32	–	–	3	17	12	–
Cancrum Oris (Noma)	·6	1	1	–	–	–	–	–
Mortification	3·8	3	–	–	1	2	–	–
Order 2.								
Scrofula	9·1	12	6	3	2	1	–	–
Tabes Mesenterica	21·6	20	19	–	–	–	1	–
Phthisis	177·4	165	8	22	85	44	6	–
Hydrocephalus	32·2	35	31	4	–	–	–	–
LOCAL DISEASES.								
Order 1.								
Cephalitis	17·9	16	11	2	2	1	–	–
Apoplexy	33·7	40	6	–	2	16	14	2
Paralysis	28·5	28	–	–	3	7	16	2
Insanity	1·6	–	–	–	–	–	–	–
Chorea	·2	1	–	–	–	–	1	–
Epilepsy	7·1	7	–	1	1	1	4	–
Convulsions	51·0	26	26	–	–	–	–	–
Brain Disease, &c.	16·7	18	2	1	5	4	6	–
Order 2.								
Pericarditis	2·5	2	–	1	1	–	–	–
Aneurism	3·3	2	–	–	1	1	–	–
Heart Disease, &c.	61·5	58	–	3	10	26	19	–
Order 3.								
Laryngitis	7·8	10	9	1	–	–	–	–
Bronchitis	114·6	121	50	3	2	11	44	11
Pleurisy	2·6	4	–	–	2	2	–	–
Pneumonia	65·4	58	27	6	10	6	9	–
Asthma	7·2	4	–	–	1	1	2	–
Lung Disease, &c.	18·4	12	6	1	–	2	1	2
Order 4.								
Gastritis	1·8	3	–	–	1	1	1	–
Enteritis	4·2	2	1	–	1	–	–	–
Peritonitis	4·3	5	–	3	1	1	–	–
Ascites	2·5	1	–	1	–	–	–	–
Ulceration of Intestines	2·1	3	–	–	1	1	1	–
Hernia	2·9	–	–	–	–	–	–	–
Ileus	2·6	2	–	–	1	1	–	–
Intussusception	1·5	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Nineteenth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 11, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	53·0	47·2						
9. Stricture of Intestines	·5	2	–	–	–	1	1	–
10. Fistula	·1	–	–	–	–	–	–	–
11. *Stomach Disease, &c.*	7·4	7	–	–	2	1	3	1
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–
13. Hepatitis	4·2	2	–	1	–	–	–	–
14. Jaundice	4·3	4	1	–	1	1	1	–
15. *Liver Disease, &c.*	18·4	12	–	–	2	5	5	–
16. *Spleen Disease, &c.*	·4	–	–	–	–	–	–	–
Order 5.								
1. Nephritis	1·8	2	–	1	–	1	–	–
2. Ischuria	·3	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·9	11	1	1	3	3	3	–
4. Diabetes	1·4	1	–	–	–	1	–	–
5. Calculus (Stone)	·7	2	–	–	–	1	1	–
6. Cystitis	1·0	1	–	–	–	–	–	1
7. *Kidney Disease, &c.*	6·8	12	–	–	4	4	4	–
Order 6.								
1. Ovarian Dropsy	1·0	–	–	–	–	–	–	–
2. *Uterus Disease, &c.*	3·6	5	–	1	–	2	1	1
Order 7.								
1. Synovitis (Arthritis)	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	4·2	2	–	–	–	1	1	–
Order 8.								
1. Phlegmon	1·6	4	1	–	2	1	–	–
2. Ulcer	·5	2	–	–	–	1	–	1
3. *Skin Disease, &c.*	1·7	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth	18·3	13	13	–	–	–	–	–
2. Cyanosis	2·3	3	3	–	–	–	–	–
3. Spina Bifida	1·2	1	1	–	–	–	–	–
4. Other Malformations	·9	2	2	–	–	–	–	–
5. Teething	17·8	18	18	–	–	–	–	–
Order 2.								
1. Paramenia	·4	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	5·1	4	–	–	2	2	–	–
Order 3.								
1. Old Age	47·8	48	–	–	–	–	17	31
Order 4.								
1. Atrophy and Debility	55·3	64	53	–	–	2	9	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	19·3	12	1	3	1	5	1	1
2. Wounds: Gunshot	·4	–	–	–	–	–	–	–
2. Wounds: Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds	5·2	3	2	–	–	–	–	1
4. Poison	1·1	–	–	–	–	–	–	–
5. Drowning	5·7	7	–	2	4	1	–	–
6. Suffocation	8·0	14	14	–	–	–	–	–
7. Otherwise	1·8	3	1	–	–	2	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	1·7	1	–	–	1	–	–	–
Order 4. (Suicide.)								
1. Wounds: Gunshot	·3	–	–	–	–	–	–	–
1. Wounds: Cut, Stab	·8	4	–	–	2	2	–	–
2. Poison	·6	–	–	–	–	–	–	–
3. Drowning	1·7	1	–	–	1	–	–	–
4. Hanging	1·1	3	–	–	–	–	3	–
5. Otherwise	·4	–	–	–	–	–	–	–
Order 5. (Execution.)								
1. Hanging	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	2·1	–	–	–	–	–	–	–
Causes not specified or ill-defined	13·6	5	3	–	–	1	1	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2123	1250	285	261	39	35	10	9	83	4	15	8	10	48	84	2
WEST DISTRICTS	561,189	283	214	51	51	4	7	2	2	11	1	2	1	1	11	15	3
NORTH DISTRICTS	751,668	479	311	74	60	17	7	6	3	22	2	5	-	3	5	23	6
CENTRAL DISTRICTS	333,887	184	129	29	33	1	2	1	1	10	-	2	2	2	4	8	3
EAST DISTRICTS	638,928	447	266	62	47	4	9	-	1	17	-	2	2	2	14	22	5
SOUTH DISTRICTS	966,132	730	330	69	70	13	10	1	2	23	1	4	3	2	14	16	3
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	32	24	6	5	-	1	-	-	2	-	1	1	-	2	2	
St. John Paddington H	38082	11	8	-	3	-	1	1	-	-	-	-	-	-	-	1	
Kensington Town *WL*	91583	51	32	12	8	-	1	1	-	3	-	-	-	-	-	1	
Brompton H	28651	13	5	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith	6662	1	8	2	2	-	-	-	-	-	-	-	-	-	1	1	
St. Paul Hammersmith H	36030	29	15	4	1	-	-	-	-	1	-	-	-	1	-	-	
Fulham *WLLLL*	23378	21	10	3	2	-	-	-	1	1	-	-	-	-	-	1	
Chelsea South HH	26419	15	10	2	5	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-west H*Ww*	23278	11	13	1	3	3	-	-	-	-	-	-	-	-	2	3	
Chelsea North-east L	21389	11	7	3	1	1	-	-	-	-	-	-	-	-	-	-	
Hanover Square	18700	4	6	1	2	-	1	-	-	1	-	-	-	-	-	-	
May Fair *W*	13020	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH	58043	19	25	1	4	-	2	-	-	-	-	-	-	-	3	4	
St. John Westminster HHH	38470	23	13	4	4	-	1	-	-	-	-	-	1	-	1	1	
St. Margaret Westminster *WW*1H	27640	7	18	3	7	-	-	-	-	2	1	-	-	-	1	1	1
St. James's Square	10453	4	4	1	-	-	-	-	-	1	-	-	-	-	-	-	
Golden Square *W*	12855	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Berwick-street	10279	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HH	17555	8	8	4	-	-	-	-	1	-	-	-	-	-	1	1	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	10	16	3	1	-	-	1	-	2	-	1	-	-	1	1	
Cavendish Square	15419	5	5	2	-	-	-	1	-	-	-	-	-	-	-	1	
Rectory Marylebone *WH*	26387	16	24	8	6	-	-	-	1	2	-	-	-	-	1	4	1
St. Mary Marylebone H	21795	12	8	3	1	-	-	1	-	2	-	-	-	-	-	-	
Christchurch Marylebone	33892	18	19	7	3	-	4	-	-	3	-	-	-	-	-	2	
St. John Marylebone	33110	14	12	3	5	-	1	1	-	-	-	-	-	1	-	2	
Hampstead *W* HH	32271	24	15	6	1	1	2	-	-	2	-	-	-	-	-	-	
Regent's Park Pancras	38102	31	24	6	5	1	-	-	-	2	-	-	-	-	2	2	
Tottenham-court *wH*	29360	20	16	3	4	1	-	1	-	-	-	1	-	-	-	1	
Gray's Inn Lane H	29216	19	12	1	1	-	-	-	-	1	-	-	-	-	-	1	
Somers Town	38562	26	11	2	1	-	-	-	-	3	-	1	-	-	-	-	
Camden Town *W*	18066	9	13	3	6	-	-	-	-	-	-	-	-	1	-	-	
Kentish Town *W*	68198	56	20	4	4	-	-	-	-	1	-	-	-	-	-	-	
Islington West HHH	97801	55	34	6	4	3	-	-	-	2	-	-	-	-	-	3	
Islington East *Ww*H	115948	81	34	10	8	-	-	1	-	-	-	-	-	1	1	5	
Stoke Newington L	9810	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill	6599	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-	
West Hackney	28076	19	8	1	1	2	-	-	-	1	-	1	-	-	-	-	
Hackney *Ww*HHL	50087	27	25	2	4	9	-	-	2	-	2	-	-	-	-	-	1
South Hackney L	30305	26	11	3	5	-	-	-	-	1	-	-	-	-	-	1	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	3	5	-	2	-	-	1	-	1	-	-	-	1	-	-	
St. Giles South *WH*	19089	14	15	4	5	-	1	-	-	-	-	-	-	-	-	-	1
St. Giles North	16497	15	3	1	1	-	-	-	-	-	-	-	-	-	-	1	
Long Acre	11326	4	4	2	-	-	-	-	-	-	-	-	-	-	1	1	
Charing Cross H	9831	-	6	3	1	-	-	-	-	1	-	-	-	-	1	1	
St. Mary-le-Strand	9376	4	2	2	-	-	-	-	-	1	-	-	-	1	-	-	
St. Clement Danes H	10711	5	10	3	1	-	-	-	-	1	-	-	-	-	-	-	
St. George-the-Martyr HHH	20521	7	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew East Holborn *W*	13528	3	18	1	4	-	-	-	-	1	-	-	-	-	-	-	
Saffron Hill	9051	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
St. James Clerkenwell *W*	18912	10	6	3	-	-	-	-	-	1	-	-	-	-	-	2	
Amwell Clerkenwell	16878	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville	13293	7	3	-	3	-	-	-	-	-	-	-	1	-	-	-	
Goswell-street	16220	12	2	1	-	-	-	-	-	1	-	-	-	-	-	-	
Old-street H	12156	12	7	-	1	1	-	-	-	1	-	-	-	-	-	1	
City-road *W*HHL	18291	22	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street	13790	16	5	2	-	-	-	-	-	-	-	-	-	-	-	1	
Finsbury	10732	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London HH	14484	14	4	1	1	-	-	-	-	1	-	-	-	-	-	-	
Cripplegate	13639	10	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
St. Sepulchre H	7562	2	9	1	3	-	-	-	1	-	-	1	-	-	1	1	
St. Bride *W*	11184	3	8	2	2	-	1	-	-	1	-	1	-	-	1	-	
Castle Baynard	4389	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6308	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4744	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking	5694	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street	7838	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable nu ber of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 11th May 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
. Leonard Shoreditch *HL*†	16545	15	11	3	2	-	-	-	-	1	-	-	-	-	1	2	1
oxton New Town *w*	27832	20	13	3	4	-	-	-	-	1	-	-	-	-	2	4	6
oxton Old Town	26944	22	12	4	3	-	1	-	-	2	-	-	-	-	-	-	-
aggerstone West *W*	24153	21	5	-	2	-	-	-	-	-	-	-	-	-	-	-	4
aggerstone East	19257	25	6	1	1	-	-	-	-	1	-	1	-	-	-	-	-
ackney-road	29808	19	15	3	-	-	2	-	-	-	-	1	-	-	4	5	-
reen, Bethnal Green *WHL*†	42443	42	25	3	6	-	2	-	-	1	-	-	-	1	-	-	7
nurch, Bethnal Green	26574	17	9	2	-	1	-	-	-	2	-	-	-	-	1	2	-
own, Bethnal Green	21375	15	7	3	-	1	1	-	-	1	-	-	-	-	-	1	-
rtillery Whitechapel	6651	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pitalfields	15844	7	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
ile End New Town *W*	15550	7	14	5	4	-	-	-	-	-	-	-	1	-	-	-	6
hitechapel North	11434	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church H	7323	4	12	-	6	-	-	-	-	-	-	-	-	-	1	1	10
oodman's Fields	10381	4	5	1	1	1	-	-	-	-	-	-	1	-	-	-	-
ldgate	9149	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East	17906	8	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
. Paul St. George East	21356	14	6	3	-	-	-	-	-	1	-	-	-	1	-	-	-
t. John St. George East *W*	8973	4	10	2	3	-	-	-	-	1	-	-	-	-	-	-	6
adwell	11623	6	7	-	2	-	-	-	-	-	-	-	-	-	2	2	-
atcliff H	15930	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
mehouse *W*	30025	19	7	2	2	-	1	-	-	-	-	-	-	-	-	-	-
ile End Old Town West	38126	27	9	4	-	-	-	-	-	1	-	-	-	-	1	1	-
ile End Old Town East *WwH*	55020	44	25	7	2	-	1	-	1	2	-	-	-	-	1	2	1
ow *WwwHL*†	67777	45	39	10	6	1	3	-	-	2	-	-	-	-	-	-	12
oplar *WW*	48500	35	15	1	3	-	-	-	-	-	-	-	-	-	1	1	-
SOUTH DISTRICTS.																	
hristchurch Southwark *W*	14547	16	9	-	2	-	-	-	-	1	-	-	-	-	2	2	2
t. Saviour Southwark H	15667	12	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-
ent-road	20430	8	9	3	-	1	1	-	-	2	-	-	-	-	-	-	-
orough-road *WH*	16694	13	7	3	1	-	-	-	-	1	-	-	-	-	-	1	3
ondon-road L	18959	21	5	-	3	-	-	-	-	-	-	1	-	-	1	1	2
rinity Newington	23673	10	7	1	1	-	-	-	-	-	-	-	-	-	1	2	-
t. Peter Walworth *W*	48232	34	21	7	5	-	-	-	-	2	-	-	-	1	-	-	1
t. Mary Newington	16786	17	5	-	2	-	-	-	-	-	-	-	-	-	1	1	-
t. Olave Southwark H	4157	2	10	-	1	-	-	-	-	-	-	-	-	-	4	2	9
t. John Horsleydown *W*	10595	4	6	-	-	-	-	-	-	1	-	-	-	1	-	-	1
eather Market	16785	12	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Mary Magdalen *W*	15707	11	4	1	3	-	-	-	-	-	-	-	-	-	-	-	2
t. James Bermondsey	47921	36	13	4	3	2	-	-	-	1	-	-	-	-	-	-	-
otherhithe *W*	25873	26	5	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Vaterloo-road 1st H	14086	11	3	-	-	1	-	-	-	-	-	-	-	-	1	1	1
Vaterloo-road 2nd H	18453	12	5	1	2	-	-	-	-	-	-	-	1	1	-	-	1
ambeth Church 1st H	19470	18	14	2	-	-	-	-	-	1	-	-	-	-	2	2	10
ambeth Church 2nd *W*	35831	37	14	4	5	-	-	-	-	-	-	-	-	-	-	1	6
ennington 1st *W*	41284	31	15	3	4	-	3	-	-	2	-	-	-	-	-	-	-
ennington 2nd	31213	20	9	1	2	-	-	-	-	2	-	-	-	-	-	-	-
rixton HL	35431	25	10	-	1	5	-	-	-	-	-	-	1	-	-	-	5
orwood *W*	12534	19	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lapham HL	27343	13	9	-	2	-	-	-	1	-	-	-	-	-	-	-	-
attersea *W*	53988	41	19	5	3	-	1	-	-	1	-	-	-	-	-	1	3
andsworth HL	19797	7	6	-	-	-	-	-	-	-	-	-	-	-	1	1	1
utney	9438	4	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-
treatham	14479	6	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ulwich	4041	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
amberwell *WL*†*L*†	31251	24	14	3	4	-	1	-	-	3	-	-	-	-	-	-	4
eckham *W*	42159	33	7	4	1	-	-	-	-	-	-	-	-	-	1	1	-
t. George Camberwell	33851	26	10	3	1	-	-	-	-	2	-	-	-	-	-	-	-
t. Paul Deptford	53696	46	17	4	3	1	1	-	-	-	-	1	-	-	-	-	-
t. Nicholas Deptford	6487	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21098	8	6	-	3	1	-	-	-	-	1	-	-	-	-	-	-
reenwich East *WH*	19320	20	10	3	2	-	2	-	-	-	-	-	1	-	-	-	4
ltham	4328	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16430	5	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *W*	11508	5	3	-	2	-	-	-	-	1	-	-	-	-	-	-	-
ydenham	19016	16	7	-	3	-	-	-	-	1	-	1	-	-	-	-	-
harlton H	9503	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17229	16	10	5	1	-	-	-	-	1	-	-	-	-	-	-	-
oolwich Arsenal H	18319	22	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-
lumstead, West	13028	13	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
lumstead, East *W*	15290	17	5	2	1	-	1	-	1	-	-	-	-	-	-	-	2

he following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 11th MAY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	DIFFERENCE between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	5	..	29·426	66·1	42·5	23·6	51·9	41·3	132·2	41·0	57·4	54·4	10·6	23·9	3·6	+ 0·4	67	WSW. & W.	WSW.	2·8	0·0	0·4	363	0·01	..
MONDAY. .	6	..	29·368	61·6	40·7	20·9	47·5	42·8	116·6	30·3	57·6	54·8	4·7	16·7	0·8	— 4·2	84	WSW.	WSW.	5·0	0·0	0·5	342	0·20	..
TUESDAY .	7	New	29·243	58·8	44·4	14·4	48·6	42·5	126·0	42·9	57·0	54·5	6·1	12·0	1·7	— 3·1	79	WSW.	WSW.	9·7	0·1	1·3	532	0·17	..
WEDNESDAY	8	..	29·304	55·7	43·6	12·1	45·8	43·1	115·2	37·0	56·4	54·6	2·7	5·1	0·8	— 5·9	90	WSW.	WSW. & SW.	5·8	0·0	0·6	381	0·29	..
THURSDAY.	9	..	29·660	56·4	43·0	13·4	47·3	43·4	102·8	39·0	56·2	54·4	3·9	10·9	0·0	— 4·0	86	WSW. & NNW.	Variable	1·3	0·0	0·1	182	0·12	..
FRIDAY . .	10	..	30·001	55·3	41·0	14·3	47·2	39·0	100·6	39·4	55·9	53·6	8·2	13·6	2·9	— 4·0	73	NNE.&NE.	NNE.	2·7	0·0	0·5	372	0·00	..
SATURDAY.	11	Greatest Dec. N.	29·894	54·3	34·6	19·7	42·4	36·8	118·8	25·8	54·6	52·3	5·6	15·2	1·8	— 8·8	80	N. by E.	N. by E. & N.	4·7	0·3	0·0	307	0·06	..
MEANS . .		..	29·557	58·3	41·4	16·9	47·2	41·3	116·0	36·5	56·4	54·1	6·0	13·9	1·7	— 4·2	80	WSW.		..	..	..	Sum 2479	Sum 0·85	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. MAY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	5	Weak negative generally.	Fine. The clouds decreased in amount towards night. A few drops of rain fell occasionally.
MONDAY .	6	Strong negative and positive, with sparks and galvanic currents.	Cloudy. Rain fell frequently.
TUESDAY .	7	Strong positive and negative, with sparks and galvanic currents during thunderstorm.	A very variable day throughout. A vivid flash of lightning was seen, and peals of thunder were heard about noon. Frequent heavy gusts of wind, rain, and hail.
WEDNESDAY	8	No electricity shown.	Cloudy during the early portion of the day, and rain fell heavily at times. Very fine at night.
THURSDAY .	9	Weak positive at 3h. P.M.	Cloudy throughout. Frequent flashes of lightning, accompanied by thunder, prevalent in the afternoon. Rain fell frequently.
FRIDAY .	10	Positive, with weak tension.	Generally fine, but cloudy. A little thin rain fell. Brisk wind.
SATURDAY .	11	Strong negative and positive, with sparks and galvanic currents at noon; weak negative at night.	Cloudy till night, then fine. Frequent showers of rain, accompanied by frozen rain, sleet, and hail. Strong gusty wind about noon.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·35 in. at the beginning of the week to 29·47 in. by 9h. P.M. on the 5th; decreased to 29·22 in. by 3h. P.M. on the 7th; increased to 30·07 in. by 9h. P.M. on the 10th; and was 29·83 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 20. 1872. Vol. XXXIII.] Week ending Saturday, May 18. [Price 1*d.*

General Register Office, Somerset House,
20th May 1872.

United Kingdom.

During the week ending Saturday the 18th instant, 5213 *births* and 3314 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 33 per 1000 persons living, in Glasgow 30 per 1000, and in Dublin 29; the deaths referred to small-pox in Dublin were 37, against 60, 57, and 47 in the three preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000; Portsmouth 28, Norwich 23, Bristol 23, Wolverhampton 24, Birmingham 19, Leicester 28, Nottingham 24, Liverpool 25, Manchester 29, Salford 23, Oldham 21, Bradford 33, Leeds 25, Sheffield 23, Hull 27, Sunderland 27, and Newcastle-upon-Tyne 21. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 146 and 114, rose again last week to 136; of these, 54 occurred in London, 18 in Portsmouth, 12 in Leeds, 9 in Leicester, 8 in Birmingham, 7 in Hull, 6 in Sheffield, 5 in Bristol, and 4 each in Norwich and Bradford. The annual death-rate from this disease was equal to 8 per 1000 living in Portsmouth, 5 in Leicester, 3 each in Norwich and Hull, and 2 each in Wolverhampton and Leeds.

London.

In London 2150 births and 1268 deaths were registered last week. After making due allowance for increase of population, the births were 95, and the deaths so many as 162, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22 and 20 per 1000, was again so low as 20. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 21 in the North, 21 in the Central, 19 in the East, and 20 in the South groups of Districts.

The 1268 deaths included 54 from small-pox, 47 from measles, 16 from scarlet fever, 5 from diphtheria, 73 from whooping-cough, 25 from different forms of fever (of which 2 were certified as typhus, 11 as enteric or typhoid, and 12 as simple continued fever), and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 234 deaths were referred, against 253 and 213 in the two preceding weeks. The fatal cases of small-pox, measles, and scarlatina showed an increase, while those of whooping-cough had declined. Measles caused 3 deaths each in Belgrave, Kentish Town, St. Paul Deptford, and Greenwich East sub-districts. Two deaths each from scarlatina occurred in Kensington Town, All Soul's Marylebone, and Tottenham Court sub-districts. Five fatal cases of simple continued fever were returned in Lambeth, Kennington, and Norwood.

The fatal cases of small-pox, which in the two previous weeks had been 62 and 39, rose again last week to 54, of which 23 occurred in the special small-pox hospitals, against 17 and 15 in the two preceding weeks. Out of those institutions, three deaths each from this disease were returned in West Hackney, Poplar, and Waterloo Road Second sub-districts.

The mean temperature last week was only 47°·5, and 4°·5 below the average for the corresponding week in 50 years; the mean was 54°·1 on Thursday and slightly in excess, while on Saturday it was only 41°·4, and 11°·5 below the average. The deaths referred to diseases of the respiratory organs, including phthisis, were 398 and 11 below the corrected average weekly number.

During the past seven weeks of the current quarter, 54 deaths have been directly referred to syphilis, or 3 below the corrected average number in the corresponding period of the last ten years; of these, 46 were congenital cases in infants, and only 8 were of adults.

To different forms of violence 52 deaths were referred; 41 were the result of negligence or accident, including 21 from fractures and contusions, 7 from burns and scalds, 2 from drowning, 8 from suffocation, and one from poison. Seven cases of suicide, and 3 of infanticide, were registered during the week.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets, including one on a tramway. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 54 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 19th instant; of these, 42 occurred in the Metropolitan, and 12 in the City Police Districts.

During the week 76 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 115 and 84 in the two preceding weeks; these showed a proportion to the total deaths of 6 per cent.

In the large Public Institutions 224 deaths were recorded, or 18 per cent. of the total deaths; of these 98 occurred in Workhouses and 120 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 16th April were 427, including 85 fatal cases of small-pox, against 85 and 130 in the two preceding weeks. In Calcutta 216 deaths were returned in the week ending 30th March. The official returns do not give either for Bombay or Calcutta the results of the recent enumeration of their populations, both of which appear to have been over-estimated. In Madras the 251 deaths in the week ending 12th April showed an annual death-rate equal to 33 per 1000 of the recently enumerated population; 33 deaths were referred to small-pox, against 18 and 30 in the two previous weeks.

Foreign Cities.

In Paris 806 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 82 deaths occurred in the week ending the 11th instant, and the annual death-rate was 23 per 1000. In Berlin during the week ending last Thursday, 436 deaths were recorded, showing an annual rate of 27 per 1000. In Rome 147 deaths were registered in the week ending the 12th, and the annual death-rate was 31 per 1000; 18 deaths were referred to small-pox, against 15 and 14 in the two previous weeks.

In the City of New York 696 deaths were registered in the week ending April 27th, and the equivalent annual rate of mortality was 39 per 1000; 40 deaths were referred to cerebro-spinal meningitis, against 52 and 27 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·59 in.; the highest reading was 29·83 in. at the beginning of the week, and the lowest 29·39 in. on Saturday morning. The mean temperature of the *air* was 47°·5, or 4°·5 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Thursday was 54°·1, and 1°·8 above the average, while on each of the other days a considerable deficiency was shown; on Saturday the mean was only 41°·4, and 11°·5. below the average. The highest day temperature in the shade was 67°·8 on Thursday, and the lowest night temperature 34°·8 on Sunday; the entire range in the week was, therefore, 33°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 139°·0 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 4°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 53°·1. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 11 miles per hour. *Rain* fell on Monday, Wednesday, Friday, and Saturday, to the amount of 1·95 inches.

The mean temperature in the other large English towns furnishing returns ranged from 44°·4 in Newcastle, to 48°·2 in Nottingham; the lowest recorded night temperature was 33°·4 in Portsmouth, and the highest day temperature in the shade 66°·2 in Leicester. Rain was measured in each of these towns; the amounts varied from ·14 of an inch in Salford to 1·61 in Portsmouth.

In Centigrade degrees the mean temperature of the air at Greenwich was 8°·61, or 2°·5 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 19°·9, the lowest night temperature 1°·6, and the highest temperature in the sun 59°·5. The wind blew at the rate of 18 kilometres an hour, and the rain-fall measured 4·95 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 345,798 cubic metres, and at Barking 307,227 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTIETH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1870	1875	1814	2192	1919	2263	2223	1911	2277	2069	2041·3	2150
Males . .	938	919	918	1083	970	1165	1104	950	1217	1070	1033·4	1116
Females .	932	956	896	1109	949	1098	1119	961	1060	999	1007·9	1034
TOTAL **Deaths**	1125	1350	1421	1168	1467	1119	1263	1281	1313	1486	1299·8	1238
Males .	579	703	761	622	778	595	691	677	697	778	688·1	659
Females .	546	647	660	546	689	524	577	604	616	708	611·7	609

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Feb. 24.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.
TOTAL **Deaths** - - -	1488	1423	1565	1475	1463	1641	1559	1470	1410	1415	1387	1250	1268
Deaths under 5 years of age -	634	624	666	648	636	667	698	630	620	572	565	499	523
Deaths 5—20 - - -	92	96	123	96	98	132	95	109	95	110	108	103	91
Deaths 20—40 - - -	213	188	228	209	210	239	171	195	191	198	215	186	200
Deaths 40—60 - - -	261	234	244	218	205	264	261	238	219	250	260	201	215
Deaths 60—80 - - -	237	235	242	248	258	275	285	244	241	233	199	206	199
Deaths at 80 years & upwards	51	46	62	56	56	64	49	54	44	52	40	55	40
Deaths from Small-pox - -	53	52	49	42	48	55	65	49	48	41	62	39	54
„ „ Measles - -	52	41	52	40	66	63	68	66	77	58	64	35	47
„ „ Scarlet Fever -	32	21	29	19	19	22	23	26	11	17	11	10	16
„ „ Diphtheria - -	2	5	8	3	6	4	3	6	7	7	6	9	5
„ „ Whooping-cough	97	95	111	111	102	118	118	100	72	85	81	83	73
„ „ Typhus fever -	3	3	5	7	7	3	3	2	3	3	5	4	2
„ „ Enteric (or Typhoid) fever -	15	12	10	16	19	16	19	12	16	17	10	15	11
„ „ SimpleContdfever	14	6	9	6	5	7	2	4	3	6	5	8	12
„ „ Diarrhœa - -	8	10	12	16	15	9	7	10	13	15	9	10	14
„ „ Simple Cholera -	—	—	1	—	—	—	—	—	—	—	1	—	—
„ „ Phthisis - -	168	155	174	187	177	218	152	190	175	178	193	165	174
„ „ Bronchitis - -	158	168	181	197	203	225	216	149	151	149	146	121	114
„ „ Pneumonia -	78	82	107	82	87	110	83	91	78	91	62	58	63
„ „ Heart Disease -	80	68	75	73	64	79	73	66	67	80	64	58	54
Mean Temperature of the Air	44°·9	45°·6	48°·7	44°·6	38°·9	43°·5	44°·7	51°·4	46°·2	50°·1	52°·6	47°·2	47°·5
Mean Temperature of the Water of the Thames -	44·0	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1
Humidity of the Air - -	85	86	80	80	85	88	84	73	71	77	72	80	86
Hain-fall in inches - -	0·34	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 18th day of May 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 18th May 1872.	DEATHS registered during the Week ending 18th May 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217.531	7,393.052	34·0	5213	3314	67·8	29·5	46 6	8·11	0·73	1·8
LONDON	78,080	3,311,298	42·4	2150	1268	67·8	33·4	47·5	8·61	1·95	4·9
PORTSMOUTH	9,513	115,455	12·1	69	62	62·4	33·4	46·2	7·89	1·61	4·0
NORWICH	7,472	81,105	10·9	52	36	61·5	34·0	45·5	7·50	0·88	2·2
BRISTOL	4,688	186,428	39·8	117	83	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	32	60·6	38·0	46·5	8·05	0·60	1·5
BIRMINGHAM	7,831	350,164	44·7	255	125	60·8	38·5	46·5	8·05	0·66	1·6
LEICESTER	3,200	99,143	31·0	80	54	66·2	38·7	48·0	8·89	0·48	1·2
NOTTINGHAM	1,996	88,225	44·2	68	40	66·1	37·3	48·2	9·00	0·55	1·4
LIVERPOOL	5,108	499,897	97·9	392	242	61·1	35·2	46·8	8·22	0·37	0·9
MANCHESTER	4,486	352,759	78·6	285	197	63·7	40·0	48·0	8·89	0·22	0·5
SALFORD	5,172	127,923	24·7	108	57	61·7	36·9	47·1	8·39	0·14	0·3
OLDHAM	4,167	84,004	20·2	60	34	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	113	96	60·5	37·8	47·7	8·72	0·30	0·7
LEEDS	21,572	266,564	12·4	219	129	59·0	38·0	47·1	8·39	0·78	1·9
SHEFFIELD	22,830	247,847	10·9	177	108	59·0	38·0	45·3	7·39	0·67	1·7
HULL	3,562	124,976	35·1	112	65	60·0	38·0	46·2	7·89	0·47	1·1
SUNDERLAND	3,306	100,665	30·4	67	53	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	121	52	53·0	36·0	41·4	6·89	0·32	0·8
EDINBURGH	4,427	205,146	46·3	123	129	53·0	30·0	43·7	6·50	1·90	4·8
GLASGOW	5,063	489,136	94·8	407	277	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	182	175	63·7	29·5	48·2	9·00	0·54	1·3

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1
raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevai
between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at
Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Prelimin
Census Report. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We
ending Saturday the 18th day of May 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	22	2733	659	494	136	83	35	13	127	61	35	101	170
LONDON	20	1268	272	239	54	47	16	5	73	25	14	52	76
PORTSMOUTH	28	62	9	4	18	3	–	–	–	4	1	4	6
NORWICH	23	36	9	8	4	–	–	–	1	2	2	1	1
BRISTOL	23	83	17	25	5	2	–	1	2	–	1	2	4
WOLVERHAMPTON	24	32	9	8	2	–	–	–	1	–	1	2	2
BIRMINGHAM	19	125	41	20	8	–	3	4	2	3	3	7	12
LEICESTER	28	54	17	4	9	1	–	–	–	–	–	4	4
NOTTINGHAM	24	40	10	9	2	–	–	–	–	1	3	1	1
LIVERPOOL	25	242	70	59	2	12	6	1	12	10	3	10	17
MANCHESTER	29	197	49	23	1	1	4	–	15	3	3	4	19
SALFORD	23	57	14	10	–	–	–	–	3	2	1	–	3
OLDHAM	21	34	9	3	1	1	1	–	4	–	–	–	1
BRADFORD	33	96	27	12	4	10	–	1	–	2	1	–	1
LEEDS	25	129	45	18	12	3	–	1	5	–	1	3	6
SHEFFIELD	23	108	23	18	6	3	1	–	–	3	1	4	9
HULL	27	65	16	12	7	–	1	–	3	3	–	3	3
SUNDERLAND	27	53	14	11	–	–	3	–	1	3	–	–	–
NEWCASTLE-ON-TYNE	21	52	8	11	1	–	–	–	5	–	–	4	5
DUBLIN	29	175	21	31	37	4	4	–	–	9	–	4	1

TABLE 5.—DEATHS Registered in LONDON in the TWENTIETH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twentieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 18, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	51°3	47°5						
ALL CAUSES - -	1299·8	1268	523	91	200	215	199	40
SPECIFIED CAUSES	1286·6	1264	522	91	199	213	199	40
I. ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox - - -	44·1	54	16	18	14	6	-	-
Measles - - -	38·8	47	45	2	-	-	-	-
Scarlet Fever (Scarlatina)	45·0	16	14	1	1	-	-	-
Diphtheria - - -	7·6	5	4	-	1	-	-	-
Quinsy - - -	·7	-	-	-	-	-	-	-
Croup - - -	14·9	13	13	-	-	-	-	-
Whooping-cough - -	57·0	73	63	5	-	5	-	-
Typhus - - -	45·4	2	-	-	-	2	-	-
Enteric or Typhoid Fever		11	2	3	3	2	1	-
Simple continued Fever		12	7	2	1	1	1	-
Erysipelas - - -	5·0	6	1	1	-	3	-	1
Puerperal Fever (Metria)	2·6	3	-	-	3	-	-	-
Carbuncle - - -	1·5	3	-	-	-	2	1	-
Influenza - - -	·8	-	-	-	-	-	-	-
Dysentery - - -	1·9	1	-	-	-	-	1	-
Diarrhœa - - -	16·1	14	14	-	-	-	-	-
Simple Cholera - -	·9	-	-	-	-	-	-	-
Ague - - -	·7	-	-	-	-	-	-	-
Remittent Fever - -	·7	-	-	-	-	-	-	-
Rheumatism - - -	9·4	12	-	3	4	4	1	-
Other *Zymotic* Diseases -	·1	1	1	-	-	-	-	-
ORDER 2.								
Syphilis - - -	6·0	8	8	-	-	-	-	-
Stricture of Urethra -	2·0	2	-	-	1	1	-	-
Hydrophobia - - -	---	-	-	-	-	-	-	-
Glanders - - -	---	-	-	-	-	-	-	-
ORDER 3.								
Privation - - -	·4	-	-	-	-	-	-	-
Want of Breast-milk -	6·4	7	7	-	-	-	-	-
Purpura and Scurvy -	2·9	4	2	2	-	-	-	-
Alcoholism { *a* Del. Tremens	2·9	-	-	-	-	-	-	-
Alcoholism { *b* Intemperance -	1·0	-	-	-	-	-	-	-
ORDER 4.								
Thrush - - - -	3·3	3	3	-	-	-	-	-
Worms, &c. - - -	·2	1	-	-	-	1	-	-
II. CONSTITUTIONAL DIS.								
ORDER 1.								
Gout - - - -	1·9	2	-	-	-	1	1	-
Dropsy - - - -	12·9	12	1	-	-	4	6	1
Cancer - - - -	31·4	33	-	-	7	12	14	-
Cancrum Oris (Noma) -	·7	-	-	-	-	-	-	-
Mortification - - -	2·9	2	-	-	-	-	2	-
ORDER 2.								
Scrofula - - - -	8·6	8	6	2	-	-	-	-
Tabes Mesenterica - -	18·7	14	12	2	-	-	-	-
Phthisis - - -	176·6	174	6	17	87	55	9	-
Hydrocephalus - -	31·3	24	21	3	-	-	-	-
III. LOCAL DISEASES.								
ORDER 1.								
Cephalitis - - -	14·5	17	11	3	1	2	-	-
Apoplexy - - - -	31·6	34	3	-	5	16	9	1
Paralysis - - - -	27·2	22	1	-	3	4	12	2
Insanity - - - -	2·3	-	-	-	-	-	-	-
Chorea - - - -	·1	-	-	-	-	-	-	-
Epilepsy - - - -	7·5	9	1	-	2	4	2	-
Convulsions - - -	47·3	35	34	1	-	-	-	-
Brain Disease, &c. - -	17·2	15	3	-	3	4	4	1
ORDER 2.								
Pericarditis - - -	2·0	3	-	1	1	-	1	-
Aneurism - - -	2·0	1	-	-	1	-	-	-
Heart Disease, &c. - -	55·9	54	-	1	9	14	27	3
ORDER 3.								
Laryngitis - - -	6·3	17	12	3	-	1	1	-
Bronchitis - - -	102·2	114	49	3	5	15	36	6
Pleurisy - - - -	3·6	6	-	-	1	4	1	-
Pneumonia - - -	65·2	63	39	2	10	4	8	-
Asthma - - - -	5·4	9	-	-	-	4	5	-
Lung Disease, &c. - -	12·4	15	6	-	2	4	3	-
ORDER 4.								
Gastritis - - - -	1·9	3	-	2	-	1	-	-
Enteritis - - - -	4·8	2	-	1	-	1	-	-
Peritonitis - - -	5·6	5	-	1	3	1	-	-
Ascites - - - -	3·1	-	-	-	-	-	-	-
Ulceration of Intestines -	2·7	3	-	1	1	1	-	-
Hernia - - - -	2·4	3	-	1	1	-	1	-
Ileus - - - -	2·5	4	-	-	1	-	3	-
Intussusception - -	1·6	1	-	1	-	-	-	-

CAUSES OF DEATH.	Average in the Twentieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 18, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	51°3	47°5						
9. Stricture of Intestines -	1·2	1	-	-	1	-	-	
10. Fistula - - -	·4	-	-	-	-	-	-	
11. *Stomach Disease, &c.* -	5·9	10	3	-	3	1	1	2
12. *Pancreas Disease, &c.* -	---	-	-	-	-	-	-	
13. Hepatitis - - - -	3·6	5	-	-	3	1	1	
14. Jaundice - - - -	3·7	3	1	-	-	1	1	
15. *Liver Disease, &c.* - -	16·7	24	-	-	3	12	8	1
16. *Spleen Disease, &c.* - -	·6	1	-	-	-	1	-	
ORDER 5.								
1. Nephritis - - - -	1·7	2	-	-	-	2	-	-
2. Ischuria - - - -	·3	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	8·8	5	-	-	2	3	-	-
4. Diabetes - - - -	2·0	2	-	-	-	1	1	-
5. Calculus (Stone) - -	1·2	-	-	-	-	-	-	-
6. Cystitis - - - -	·4	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* - -	7·0	8	1	-	3	2	2	-
ORDER 6.								
1. Ovarian Dropsy - -	·8	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* - -	4·4	3	-	-	2	-	1	-
ORDER 7.								
1. Synovitis (Arthritis) -	·1	2	-	1	-	1	-	-
2. *Joint Disease, &c.* - -	5·1	5	2	3	-	-	-	-
ORDER 8.								
1. Phlegmon - - -	2·1	3	2	-	-	1	-	-
2. Ulcer - - - -	2·0	1	-	-	-	-	1	-
3. *Skin Disease, &c.* - -	1·4	1	1	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	21·3	31	31	-	-	-	-	-
2. Cyanosis - - - -	1·5	1	1	-	-	-	-	-
3. Spina Bifida - - -	·7	2	2	-	-	-	-	-
4. Other Malformations -	2·2	1	1	-	-	-	-	-
5. Teething - - - -	14·9	11	11	-	-	-	-	-
ORDER 2.								
1. Paramenia - - - -	·5	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	5·0	1	-	-	1	-	-	-
ORDER 3.								
1. Old Age - - - -	44·3	39	-	-	-	-	19	20
ORDER 4.								
1. Atrophy and Debility	52·8	48	40	2	-	-	6	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·2	21	4	-	3	6	6	2
2. Wounds { Gunshot	·4	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	-	-	1	-
3. Burns and Scalds - -	3·8	7	1	2	3	1	-	-
4. Poison - - - -	1·0	1	1	-	-	-	-	-
5. Drowning - - -	4·8	2	-	1	1	-	-	-
6. Suffocation - - -	5·6	8	6	-	-	2	-	-
7. Otherwise - - -	2·4	1	1	-	-	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·3	3	3	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·3	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·4	2	-	-	1	1	-	-
2. Poison - - - -	·3	-	-	-	-	-	-	-
3. Drowning - - -	1·3	1	-	-	-	1	-	-
4. Hanging - - - -	2·0	4	-	-	2	2	-	-
5. Otherwise - - -	·4	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	---	-	-	-	-	-	-	-
Violent Deaths (not classed)	·7	1	-	-	-	-	1	-
Sudden Deaths (Cause unascertained) - - -	1·9	-	-	-	-	-	-	-
Causes not specified or ill-defined - - - -	11·3	4	1	-	1	2	-	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	
LONDON	3,251,804	2150	1268	272	239	54	47	16	5	73	2	11	12	14	52	76	2
WEST DISTRICTS	561,189	322	200	44	41	4	8	2	1	8	–	1	2	3	10	12	3
NORTH DISTRICTS	751,663	483	321	77	63	22	12	7	2	24	2	2	2	4	12	20	5
CENTRAL DISTRICTS	3[illegible]87	182	125	20	27	2	4	2	–	14	–	1	–	–	7	12	1
EAST DISTRICTS	638,928	499	237	57	38	8	6	2	–	10	–	5	–	2	15	22	4
SOUTH DISTRICTS	966,132	664	385	74	70	18	17	3	2	17	–	2	8	5	8	10	6
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	38	26	8	4	1	1	–	–	1	–	1	1	–	1	3	
St. John Paddington H	38082	11	10	2	1	–	1	–	–	–	–	–	–	–	3	3	
Kensington Town *WL*	91583	58	34	9	7	2	–	2	1	1	–	–	–	–	–	–	
Brompton H	28631	9	5	1	1	–	–	–	–	–	–	–	–	–	–	–	
St. Peter Hammersmith	6662	4	3	–	1	–	1	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	22	9	4	2	–	–	–	–	3	–	–	–	–	–	1	
Fulham *WLLLL*	23378	25	6	1	1	–	2	–	–	–	–	–	–	–	1	1	
Chelsea South HH	26419	22	13	5	3	–	–	–	–	2	–	–	–	1	2	–	
Chelsea North-west *HWw*	23278	25	8	4	–	–	–	–	–	1	–	–	–	1	–	–	
Chelsea North-east L	21389	17	7	2	–	1	–	–	–	–	–	–	–	–	–	1	
Hanover Square	18700	8	12	1	4	–	–	–	–	–	–	–	–	1	–	–	
May Fair *W*	13020	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	22	31	3	4	–	3	–	–	–	–	–	1	–	–	–	
St. John Westminster HHH	38470	19	8	1	–	–	–	–	–	–	–	–	–	–	1	1	
St. Margaret Westminster *WWHH*	27640	11	7	1	1	–	–	–	–	–	–	–	–	–	1	1	
St. James's Square	10433	1	3	–	3	–	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	8	7	–	6	–	–	–	–	–	–	–	–	–	–	–	
Berwick-street	10279	7	3	–	1	–	–	–	–	–	–	–	–	–	1	1	
St. Anne Soho HH	17555	13	7	2	1	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	15	21	4	3	–	–	2	1	–	–	–	–	1	1	1	
Cavendish Square	15419	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	20	12	1	2	–	1	–	–	–	–	–	–	–	1	1	
St. Mary Marylebone H	21795	24	8	3	2	–	1	–	–	1	–	–	–	–	–	–	
Christchurch Marylebone	33892	14	18	6	2	–	2	–	–	1	–	–	–	1	–	1	
St. John Marylebone	33110	13	14	4	2	–	–	1	–	2	–	–	–	–	–	–	
Hampstead *WHH*	32271	12	14	2	1	6	–	–	–	1	–	–	–	1	–	1	
Regent's Park Pancras	38192	27	11	4	2	–	–	–	–	1	–	–	–	–	–	3	
Tottenham-court *wH*	29360	20	21	6	1	1	–	2	–	2	–	–	–	–	2	3	
Gray's Inn Lane H	29216	12	9	2	3	–	–	–	–	–	–	–	–	2	–	–	
Somers Town	38562	23	18	5	2	–	1	–	–	1	–	–	–	–	2	4	
Camden Town *W*	18766	14	16	5	7	–	–	–	–	1	–	–	–	–	2	2	
Kentish Town *W*	68198	58	32	8	6	1	3	1	–	4	–	–	–	–	–	1	
Islington West HHH	97801	66	24	7	5	–	1	1	–	2	–	–	1	1	–	–	
Islington East *WwH*	115948	72	36	7	11	1	–	–	1	3	–	2	1	–	–	–	
Stoke Newington L	9810	7	3	1	–	–	2	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	4	5	–	3	1	–	–	–	–	–	–	–	–	2	1	
West Hackney	28076	23	14	2	5	3	–	–	–	1	–	–	–	–	–	–	
Hackney *WwHHL*	50087	28	31	8	–	9	1	–	–	4	2	–	–	–	2	2	
South Hackney L	30305	21	11	2	6	–	–	–	–	–	–	–	–	–	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	8	6	1	1	–	1	–	–	–	–	–	–	–	–	1	
St. Giles South *WH*	19089	11	10	3	3	1	–	–	–	–	–	–	–	–	2	3	
St. Giles North	16497	6	9	–	4	–	–	–	–	–	–	–	–	–	1	1	
Long Acre	11826	6	3	–	2	–	–	–	–	–	–	–	–	–	–	–	
Charing Cross H	9831	2	5	–	1	–	–	–	–	1	–	–	–	–	–	–	
St. Mary-le-Strand	9376	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	8	6	1	1	–	–	–	–	–	–	–	–	–	–	–	
St. George-the-Martyr HHH	20521	12	5	–	1	–	1	–	–	–	–	–	–	–	–	–	
St. Andrew East Holborn *W*	13528	9	11	3	2	–	1	–	–	–	–	–	–	–	–	–	
Saffron Hill	9051	–	5	1	2	–	–	–	–	1	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	8	6	2	1	–	–	–	–	2	–	–	–	–	–	1	
Amwell Clerkenwell	16878	14	4	2	–	–	–	–	–	2	–	–	–	–	–	–	
Pentonville	13093	17	3	–	–	–	–	–	–	1	–	–	–	–	–	–	
Goswell-street	16220	14	8	1	2	–	1	1	–	1	–	–	–	–	–	–	
Old-street H	12156	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–	
City-road *WHHL*	18291	18	5	–	1	–	–	1	–	2	–	–	–	–	–	–	
Whitecross-street	13790	2	3	1	1	–	–	–	–	–	–	–	–	–	–	1	
Finsbury	10732	4	4	–	–	–	–	–	–	–	–	–	–	–	1	1	
St. Botolph East London HH	14484	11	3	2	–	–	–	–	–	–	–	–	–	–	–	–	
Cripplegate	13639	3	5	–	3	–	–	–	–	2	–	–	–	–	–	–	
St. Sepulchre H	7562	2	7	–	1	–	–	–	–	–	–	1	–	–	3	3	
St. Bride *W*	11184	7	7	1	1	–	–	–	–	1	–	–	–	–	–	–	
Castle Baynard	4389	2	1	1	–	1	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	
Allhallows Barking	5694	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7838	3	1	–	–	–	–	–	–	1	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ver. Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district urday, 18th May 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
lywell Shoreditch – – –	12429	4	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL† –	16545	13	5	1	1	–	–	1	–	2	–	–	–	–	–	–	–
xton New Town *w* – – –	27832	15	16	5	7	–	–	–	–	1	–	1	–	–	–	–	3
xton Old Town – – – –	26944	25	4	1	1	–	–	–	–	1	–	–	–	–	–	–	–
ggerstone West *W* – –	24153	17	10	2	1	–	–	–	–	1	–	–	–	–	–	–	3
ggerstone East – – – –	19257	13	7	3	–	–	1	–	–	1	–	–	–	–	–	–	–
ckney road – – – – –	29808	29	9	2	–	–	–	1	–	1	–	1	–	–	–	–	–
een, Bethnal Green *WHL*† –	42443	32	12	3	1	–	–	–	–	–	–	1	–	–	–	–	3
urch, Bethnal Green – –	26574	24	3	–	1	1	–	–	–	–	–	–	–	–	–	–	–
wn, Bethnal Green – – –	21875	23	6	3	–	–	–	–	–	–	–	–	–	–	–	–	–
illery Whitechapel – – –	6651	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
talfields – – – – –	15844	7	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
le End New Town *W* – –	15550	19	10	–	1	–	–	–	–	–	–	–	–	–	1	1	4
itechapel North – – –	11434	7	8	6	–	–	–	–	–	–	–	–	–	–	2	5	–
itechapel Church H – –	7323	3	22	1	4	–	–	–	–	–	–	–	–	–	10	11	19
dman's Fields – – – –	10381	14	5	1	–	–	–	–	–	–	–	–	–	1	–	–	–
gate – – – – –	9149	4	3	1	–	–	–	–	–	–	–	–	–	–	–	1	–
Mary St George East – –	17903	12	8	3	1	–	1	–	–	–	–	–	–	–	–	–	–
Paul St. George East – –	21356	22	7	2	–	1	–	–	–	1	–	–	–	–	–	–	–
John St. George East *W* –	8073	10	2	–	1	–	–	–	–	–	–	–	–	–	1	1	–
dwell – – – – – –	11623	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
tcliff H – – – – –	15930	8	6	2	1	–	–	–	–	–	–	–	–	–	–	–	2
nehouse *W* – – – –	30025	18	5	3	–	–	1	–	–	–	–	–	–	–	–	–	–
le End Old Town West – –	38124	23	7	–	–	1	–	–	–	–	–	–	–	–	–	–	–
e End Old Town East *WH* –	55020	46	15	2	4	1	1	–	–	3	–	–	–	–	–	–	1
w *WH*HL† – – – – –	67777	63	34	5	8	1	2	–	–	–	–	1	–	2	3	12	
olar *WW* – – – – –	48500	36	27	10	4	3	–	–	–	–	–	1	–	1	–	–	1
South Districts.																	
ristchurch Southwark *W* –	14547	10	10	3	4	1	–	–	–	1	–	–	–	–	–	–	2
Saviour Southwark H – –	15667	14	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
nt-road – – – – –	10450	13	4	1	–	–	–	–	–	1	–	–	–	–	–	–	–
rough-road *WH* – – –	16694	20	10	3	–	–	–	–	–	–	–	–	–	–	–	–	1
ndon road L – – – –	18050	12	6	2	2	–	–	–	–	–	–	–	–	–	1	1	1
nity Newington – – – –	23673	23	6	–	2	–	–	–	–	1	–	–	–	–	–	–	–
Peter Walworth *W* – –	48282	43	25	6	5	1	–	1	–	1	–	1	–	–	–	–	8
Mary Newington – – – –	16786	7	7	2	3	1	–	–	–	–	–	–	–	–	–	–	–
Olave Southwark H – – –	4157	1	6	–	2	–	–	–	–	–	–	–	–	–	1	1	3
John Horsleydown *W* – –	10595	8	6	3	1	–	–	–	–	1	–	–	–	–	–	–	3
ather Market – – – –	16785	11	6	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Mary Magdalen *W* – – –	15707	6	7	4	1	–	1	–	–	1	–	–	–	–	–	–	1
James Bermondsey – – –	47921	36	12	2	2	–	1	–	–	2	–	–	–	–	–	–	–
therhithe *W* – – – –	25873	8	9	2	1	–	1	–	–	–	–	–	–	–	–	–	2
terloo-road 1st H – – –	14083	8	7	3	1	–	–	–	–	1	–	–	–	–	1	2	–
terloo-road 2nd H – – –	18453	18	9	1	–	3	–	–	–	–	–	1	–	–	–	–	–
mbeth Church 1st H – –	19470	21	21	3	2	–	–	–	–	–	–	–	–	–	4	4	12
mbeth Church 2nd *W* – –	35831	34	20	5	6	–	–	–	–	–	–	–	1	1	–	–	7
nnington 1st *W* – – –	41284	34	19	4	5	–	1	–	–	1	–	–	1	1	–	–	–
nnington 2nd – – – –	31213	14	12	1	2	1	–	–	–	–	–	–	1	1	–	–	–
ixton HL – – – – –	35431	26	20	1	1	9	1	1	–	–	–	–	–	–	–	–	9
rwood *W* – – – – –	12534	7	6	1	1	–	–	–	–	–	–	–	2	–	–	–	–
pham HL – – – – –	27348	13	8	2	1	–	1	–	1	–	–	–	–	–	–	–	–
tter-sea *W* – – – –	53988	41	20	4	1	–	2	–	1	–	–	–	1	–	–	1	1
ndsworth HL – – – –	16797	8	4	2	2	–	–	–	–	–	–	–	–	1	–	–	1
tney – – – – – –	1438	12	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
eatham – – – – –	14479	7	5	–	4	–	–	–	–	–	–	–	–	–	–	–	–
lwich – – – – – –	4041	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
mberwell *WL*†*L*† – – –	31251	17	15	3	4	–	–	–	–	1	–	–	–	–	–	–	1
ckham *W* – – – –	42159	40	7	1	–	–	–	–	–	1	–	–	–	–	1	1	–
George Camberwell – – –	33851	16	7	1	1	–	–	–	–	2	–	–	1	–	–	–	–
Paul Deptford – – – –	55696	23	21	4	3	1	3	–	–	2	–	–	–	1	–	–	–
Nicholas Deptford – – –	6187	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eenwich West – – – –	21098	14	10	–	1	–	–	1	–	–	–	–	–	–	–	–	–
eenwich East *WH* – – –	18320	13	17	2	3	–	3	–	–	–	–	–	1	–	–	–	9
ham – – – – – –	4528	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
e – – – – – –	16430	11	5	1	1	–	1	–	–	–	–	–	–	–	–	–	–
wisham Village *W* – – –	11508	10	4	1	1	–	–	–	–	–	–	–	–	–	–	1	–
lenham – – – – –	19016	11	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
arlton H – – – – –	9503	3	4	1	1	–	–	–	–	–	–	–	–	–	–	–	2
olwich Dockyard – – –	17229	10	2	–	–	–	1	–	–	–	–	–	–	–	–	–	–
olwich Arsenal H – – –	18319	13	7	1	1	–	1	–	–	–	–	–	–	–	–	–	–
mstead West – – – –	13028	10	4	–	2	–	–	–	–	–	–	–	–	–	–	–	–
mstead East *W* – – – –	15290	13	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–

e following are Outlying Workhouses (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – ,, ,, Tottenham-court sub-district.
London City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th MAY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	12	..	29·783	57·9	34·8	23·1	45·1	38·3	132·3	27·9	54·2	52·2	6·8	17·6	2·1	— 6·1	77	Variable	E. & NE.	2·5	0·0	0·1	190	0·00	..
MONDAY	13	Apogee	29·523	50·7	42·0	8·7	46·1	46·1	60·0	41·6	54·3	52·4	0·0	1·6	0·0	— 5·3	100	NNE.	NNE. & E.	3·9	0·0	0·9	410	0·90	..
TUESDAY	14	..	29·682	56·8	46·3	10·5	49·3	42·3	118·3	42·8	53·6	51·8	7·0	12·4	1·7	— 2·4	77	ESE.	SE. & E.	2·3	0·0	0·3	223	0·00	..
WEDNESDAY	15	First Qr.	29·644	59·8	44·1	15·7	49·6	44·4	112·0	38·2	53·9	52·0	5·2	10·8	1·8	— 2·4	82	E. & NNE.	N, WNW, & SW.	4·1	0·0	0·1	189	0·09	..
THURSDAY	16	..	29·595	67·8	42·0	25·8	54·1	48·1	139·0	35·0	53·6	52·0	6·0	18·0	0·0	+ 1·8	80	SSW.	SW. & ENE.	1·6	0·0	0·2	227	0·00	..
FRIDAY	17	..	29·475	50·9	44·2	6·7	46·7	45·0	64·6	45·4	54·3	52·4	1·7	3·6	0·0	— 5·9	94	ENE.	NE.	2·5	0·0	0·2	280	0·29	..
SATURDAY	18	..	29·423	46·5	40·2	6·3	41·4	38·5	68·3	39·3	54·1	52·3	2·9	5·2	0·9	—11·5	89	NE.	N. by E.	3·8	0·0	0·7	397	0·67	..
MEANS		..	29·589	55·8	41·9	13·8	47·5	43·2	99·2	38·6	54·0	52·2	4·2	9·9	0·9	— 4·5	86	NE.		..	..	.	Sum 1916	Sum 1·95	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. MAY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY	12	The insulating lamp was not burning.	A fine, though hazy and misty, morning. The sky became cloudy in the afternoon, and overcast at night. A little rain fell in the evening.
MONDAY	13	No electricity shown.	Overcast. Rain fell nearly continuously throughout the day, at times very heavily. Windy.
TUESDAY	14	Weak positive at mid-day.	Nearly overcast till noon. The clouds were somewhat lighter in the afternoon and evening. A little rain fell occasionally.
WEDNESDAY	15	Moderate positive at night.	Generally overcast during the morning. A heavy shower of rain fell about 1h., accompanied by strong wind. Small amounts of cloud present in the afternoon and evening. Fine, but hazy at night.
THURSDAY	16	No electricity shown.	Fine throughout the day; the clouds varying in amount from time to time.
FRIDAY	17	Weak negative in the morning.	Overcast. Rain fell more or less heavily between 6h. A.M. and 8h. P.M. Strong gusty wind.
SATURDAY	18	Negative in the morning and at	Overcast. Rain fell throughout the day.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·83 in. at the beginning of the week to 29·50 in. by 9h. P.M. on the 13th; increased to 29·70 in. by 9h. P.M. on the 14th; decreased to 29·62 in. by noon on the 15th increased to 29·70 in. by 9h. P.M. on the same day; decreased

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
27th May 1872.

United Kingdom.

During the week ending Saturday the 25th instant, 5100 *births* and 3244 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 30 per 1000 persons living, in Glasgow 28 per 1000, and in Dublin 30; the deaths from small-pox in Dublin were 36, against 47 and 37 in the two preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 17, Norwich 19, Bristol 24, Wolverhampton 26, Birmingham 21, Leicester 26, Nottingham 21, Liverpool 28, Manchester 29, Salford 23, Oldham 21, Bradford 25, Leeds 29, Sheffield 24, Hull 25, Sunderland 25, and Newcastle-upon-Tyne 24. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 114 and 136, were 128 last week; of these, 54 occurred in London, 13 in Leicester, 11 in Hull, 10 in Portsmouth, 9 in Sheffield, 8 in Birmingham, and 6 in Leeds. The annual death-rate from this disease was equal to 7 per 1000 in Leicester, 5 each in Hull and Portsmouth, and 2 each in Wolverhampton, Sheffield, and Nottingham.

London.

In London 2258 births and 1205 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 81, while the deaths were no less than 199 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been 20 per 1000, further declined to 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 17 per 1000 in the West, 18 in the North, 20 in the Central, 21 in the East, and 19 in the South groups of Districts.

The 1205 deaths included 54 from small-pox, 41 from measles, 20 from scarlet fever, 5 from diphtheria, 74 from whooping-cough, 16 from different forms of fever (of which one was certified as typhus, 8 as enteric or typhoid, and 7 as simple continued fever), and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class 219 deaths were referred, against 213 and 234 in the two preceding weeks. The deaths from scarlet fever showed a slight further increase upon those in recent weeks, while the fatal cases of other forms of fever had declined. In Pancras and Islington Districts 11 deaths were referred to measles; scarlet fever caused 4 deaths in Sydenham, and 3 each in St. John (Marylebone) and Camberwell sub-districts. The fatal cases of whooping-cough continue generally excessive; the 74 included 3 each in Hanover Square, Somers Town, and Kentish Town sub-districts.

The fatal cases of small-pox, which in the two previous weeks had been 39 and 54, were again 54 last week, of which 19 occurred in the special small-pox hospitals, against 15 and 23 in the two preceding weeks. Out of those institutions, 6 deaths were referred to this disease in Poplar, 5 in Bow, 4 in West Hackney, and 3 in Chelsea North-east sub-districts.

The mean temperature last week was only 49°·8, and 4°·3 below the average for the corresponding week in 50 years; the mean was considerably below the average on each day of the week, the deficiency ranging from 9°·1 on Sunday, 19th, to 2°·1 on Saturday. The deaths referred to diseases of the respiratory organs, including phthisis, were 345, and 49 below the corrected average weekly number.

During the past 21 weeks of the present year 162 deaths have been distinctly referred to syphilis. Of the 12 persons dying from this cause last week 11 were infants, including 2 of unmarried women, a cook and a tailoress; the rest were apparently the offspring of married men, namely a carman, a labourer, a carpenter, a tobacconist, two hawkers, and two porters. A gentlewoman, aged 36, died in a hospital of "syphilitic laryngitis." Many deaths referred to secondary diseases are caused by this poison. It cannot be too generally known that syphilis falls heaviest on the innocent; and that in limiting its ravages by stopping it at its source, the whole population is benefited.

To different forms of violence 52 deaths were referred; 41 were the result of negligence or accident, including 17 from fractures and contusions, 8 from burns and scalds, one from drowning, 2 from poison, and 10 from suffocation, all of infants under one year of age. Nine cases of suicide were registered during the week, 4 of which were effected by poison.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 85 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 26th instant; of these, 79 occurred in the Metropolitan, and 6 in the City Police Districts. The considerable increase in street accidents last week was probably due to the holiday traffic during Whitsuntide.

During the week 94 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 84 and 76 in the two preceding weeks; these showed a proportion to the total deaths of 8 per cent.

In the large Public Institutions 224 deaths were recorded, or 19 per cent. of the total deaths; of these 113 occurred in Workhouses, and 103 in Hospitals.

Dr. Frankland, F.R.S., reports more favourably of the quality of the Thames water recently delivered in London; the proportion of dissolved organic impurity in the samples drawn in May was less than half that present in the samples collected in April. The water delivered by the Southwark Company was, however, slightly turbid on the 16th instant, and that supplied by the Lambeth Company was slightly turbid and also contained moving organisms on the 2d, and again on the 17th instant. The waters taken from the Lea and from deep wells in the chalk by the New River, East London, and Kent Companies were quite clear and transparent when drawn from the mains. The deep well water of the Kent Company again contained the smallest proportion of organic impurity. Taking the amount of this impurity in a given volume of this Company's water as unity, the proportional amount in an equal quantity of water supplied this month by each of the other Metropolitan Companies was:—New River 2·4, East London and Chelsea 3·5, West Middlesex and Lambeth 3·6, Southwark and Vauxhall and Grand Junction 3·8. Dr. Hill reports that the water supplied to Birmingham was almost perfectly clear and showed a marked improvement in the proportion of total combined nitrogen which it contained.

Indian Cities.

In Bombay the deaths registered during the week ending 23d April were 393, including 80 fatal cases of small-pox, against 130 and 85 in the two preceding weeks. In Calcutta 192 deaths were returned in the week ending 13th April. The official returns do no not give either for Bombay or Calcutta the results of the recent enumeration of their populations, both of which appear to have been overestimated. In Madras the 244 deaths in the week ending 19th April showed an annual death rate equal to 32 per 1000 of the recently enumerated population; 39 deaths were referred to small-pox, against 30 and 33 in the two previous weeks.

Foreign Cities.

In Paris 812 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 89 deaths occurred in the week ending 18th instant, and the annual death-rate was 25 per 1000.

In the City of New York 667 deaths were registered in the week ending May 4th, and the equivalent annual rate of mortality was 37 per 1000; 42 deaths were referred to cerebro-spinal meningitis, against 27 and 40 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·76 in.; the highest reading was 30·11 in. at the end, and the lowest 29·50 in. at the beginning of the week. The mean temperature of the *air* was 49°·8, or 4°·3 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week, and ranged from 44°·1 on Sunday, 19th instant, or 9°·1 below the average, to 52°·8 on Saturday. The highest day temperature in the shade was 66°·6 on Saturday, and the lowest night temperature 32°·6 on Monday; the entire range in the week was, therefore, 34°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 140°·0 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 8°·9. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 52°·9. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on Monday and Friday evenings, but only to the amount of ·05 of an inch.

The mean temperature in the other large English towns furnishing returns ranged from 44°·9 in Salford, to 47°·9 in Bradford; the lowest recorded night temperature was 29°·5 in Nottingham, and the highest day temperature in the shade 66°·2 in Leicester. Rain was measured in each of these towns, except in Leeds and Sheffield; the amounts varied from ·05 of an inch in Bradford, to ·70 in Birmingham. Snow fell at Manchester on Monday, and at Wolverhampton on the following day.

In Centigrade degrees the mean temperature of the air at Greenwich was 9°·9, or 2°·4 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 19°·2, the lowest night temperature 0°·3, and the highest temperature in the sun 58°·9. The wind blew at the rate of 12 kilometres an hour, and the rain-fall measured ·13 of a centimetre.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 251,840 cubic metres, and at Barking 292,972 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of April 1872: according to their returns, 105,457,575 gallons or 479,142 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 212·8 gallons (96·7 decalitres), rather less than a *ton* by weight, to each house, and 30·0 gallons (13·6 decalitres) to each person, against 30·1 in the corresponding month of last year.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of April 1872, it may be estimated that about 86,475,212 gallons were probably used for domestic purposes, or about 24·6 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	April 1871.	April 1872.	April 1871.	April 1872.
Total Supply	485,734	495,677	103,593,573	105,457,575
From Thames	225,078	231,001	54,783,246	56,112,083
From Lea and from other Sources	260,656	264,676	48,810,327	49,345,492
Thames.				
Chelsea	27,670	28,154	8,173,900	8,503,800
West Middlesex	41,886	43,232	9,054,474	9,474,786
Southwark and Vauxhall	78,364	78,823	16,430,892	16,418,726
Grand Junction	30,929	33,013	11,016,814	11,070,571
Lambeth	46,229	47,779	10,107,166	10,644,200
Lea and other Sources.				
New River	118,669	120,054	22,149,000	23,372,000
East London	101,852	103,513	19,352,700	19,404,000
Kent	40,135	41,109	7,308,627	6,569,492

Note.—The Return for April 1872, as compared with that for the corresponding month of 1871, shows an increase of 9,943 houses, and an increase of 1,864,002 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for May.

Sir, *Royal College of Chemistry, 25th May* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of May. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The quality of the Thames water delivered in London has much improved since my last report, the proportion of dissolved organic impurity in the samples drawn in May having been less than one-half of that present in the samples collected in April. Nevertheless, the water delivered by the Southwark Company was slightly turbid on the 16th instant, and that supplied by the Lambeth Company was also slightly turbid, and contained moving organisms on the 2d instant and again on the 17th instant.

The waters taken from the Lea and from deep wells in the chalk by the New River, East London, and Kent Companies were quite clear and transparent when drawn from the mains.

I have again to report that the deep well water of the Kent Company contained the smallest proportion of organic impurity. Taking the amount of this impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the remaining Metropolitan Companies was:—New River 2·4, East London and Chelsea 3·5, West Middlesex and Lambeth 3·6, and Southwark and Grand Junction 3·8.

Dr. Hill reports that the water supplied to Birmingham was almost perfectly clear, and that it presented a marked improvement as regards the proportion of total combined nitrogen which it contained.

The Registrar General, &c., &c.

I am, &c.
E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	2d May, Cab Rank, Horse Guards	13·4	25·14	·149	·021	·000	·234	·255	2020	1·90	21·2
West Middlesex	2d May, Cab Rank, Portland-road	13·9	27·64	·154	·022	·000	·269	·291	2370	1·85	22·1
Southwark and Vauxhall	2d May, Cab Rank, St. George's Church, Borough.	14·6	26·62	·164	·024	·000	·230	·254	1980	1·80	22·1
Grand Junction	2d May, Cab Rank, Woodstock-street.	13·3	25·80	·158	·027	·000	·227	·254	1950	1·80	22·1
Lambeth	2d May, Cab Rank, Westminster Bridge-road.	13·4	26·38	·156	·022	·000	·235	·257	2030	1·90	22·7
Other Sources.											
New River	2d May, Cab Rank, Tottenham-court-road.	13·5	24·78	·107	·010	·000	·213	·223	1810	1·90	21·2
East London	3d May, Royal Hotel, Mile-end-road.	14·7	25·50	·145	·027	·000	·155	·182	1230	2·30	21·2
Kent	3d May, Deptfd. Bdge. Police Stat.	13·3	39·10	·041	·008	·000	·367	·375	3350	2·60	29·7
Birmingham*	7th May, Birmingham Waterworks	—	22·86	·158	·020	·002	·120	·141	898	1·87	14·8
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 lbs. of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 2d May at the Horse Guards' cab-rank had a temperature of 13°·4 C.; 100,000 lbs. of it contained 25·14 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·149 lb. of carbon and ·021 lb. of nitrogen. The above quantity of water contained no ammonia and ·234 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·255 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2,020 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·90 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 21·2 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-FIRST Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1919	1888	1966	1876	1985	1996	2096	1924	2219	1926	1979·5	2258
Males . .	951	961	1030	950	1022	1016	1067	961	1134	917	1000·9	1162
Females .	968	927	936	926	963	980	1029	963	1085	1009	978·6	1096
TOTAL **Deaths**	1209	1259	1234	1249	1528	1118	1252	1276	1239	1401	1276·5	1205
Males . .	633	645	642	660	805	594	654	658	653	705	664·9	631
Females .	576	614	592	589	723	524	598	618	586	696	611·6	574

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.
TOTAL **Deaths** - - -	1423	1565	1475	1463	1641	1559	1470	1410	1415	1387	1250	1268	1205
Deaths under 5 years of age -	624	666	648	636	667	698	630	620	572	565	499	523	495
Deaths 5—20 - - -	96	123	96	98	132	95	109	95	110	108	103	91	91
Deaths 20—40 - - -	188	228	209	210	239	171	195	191	198	215	186	200	188
Deaths 40—60 - - -	234	244	218	205	264	261	238	219	250	260	201	215	204
Deaths 60—80 - - -	235	242	248	258	275	285	244	241	233	199	206	199	190
Deaths at 80 years & upwards	46	62	56	56	64	49	54	44	52	40	55	40	37
Deaths from Smallpox - -	52	49	42	48	55	65	49	48	41	62	39	54	54
„ „ Measles - -	41	52	40	66	63	68	66	77	58	64	35	47	41
„ „ Scarlet Fever -	21	29	19	19	22	23	26	11	17	11	10	16	20
„ „ Diphtheria -	5	8	3	6	4	3	6	7	7	6	9	5	5
„ „ Whooping-cough	95	111	111	102	118	118	100	72	85	81	83	73	74
„ „ Typhus fever -	3	5	7	7	3	3	2	3	3	5	4	2	1
„ „ Enteric (or Typhoid) fever -	12	10	16	19	16	19	12	16	17	10	15	11	8
„ „ Simple Cont[d] fever	6	9	6	5	7	2	4	3	6	5	8	12	7
„ „ Diarrhœa - -	10	12	16	15	9	7	10	13	15	9	10	14	9
„ „ Simple Cholera -	—	1	—	—	—	—	—	—	—	1	—	—	—
„ „ Phthisis - -	155	174	187	177	218	152	190	175	178	193	165	174	150
„ „ Bronchitis - -	168	181	197	203	225	216	149	151	149	146	121	114	114
„ „ Pneumonia -	82	107	82	87	110	83	91	78	91	62	58	63	59
„ „ Heart Disease -	68	75	73	64	79	73	66	67	80	64	58	54	78
Mean Temperature of the Air	45°·6	48°·7	44°·6	38°·9	43°·5	44°·7	51°·4	46°·2	50°·1	52°·6	47°·2	47°·5	49°·8
Mean Temperature of the Water of the Thames -	44·5	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9
Humidity of the Air - -	86	80	80	85	88	84	73	71	77	72	80	86	72
Rain-fall in inches - -	0·17	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **3.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 25th day of May 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 25th May 1872.	DEATHS registered during the Week ending 25th May 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5100	3244	70·8	29·5	46·7	8·16	0·25	0·63
LONDON	78,080	3,311,298	42·4	2258	1205	66·6	32·6	49·8	9·89	0·05	0·13
PORTSMOUTH	9,513	115,455	12·1	84	37	70·8	32·0	47·8	8·78	0·22	0·56
NORWICH	7,472	81,105	10·9	59	29	66·0	34·0	47·4	8·55	0·26	0·66
BRISTOL	4,688	186,428	39·8	118	84	58·3	39·9	46·7	8·16	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	35	59·8	30·8	45·3	7·39	0·41	1·04
BIRMINGHAM	7,831	350,164	44·7	278	139	59·5	32·7	45·4	7·44	0·70	1·78
LEICESTER	3,200	99,143	31·0	56	49	66·2	30·5	47·1	8·39	0·23	0·58
NOTTINGHAM	1,996	88,225	44·2	65	35	63·6	29·5	45·6	7·55	0·13	0·33
LIVERPOOL	5,108	499,897	97·9	321	273	59·6	34·8	47·8	8·78	0·26	0·66
MANCHESTER	4,486	352,759	78·6	222	199	64·8	31·0	46·4	8·00	0·08	0·20
SALFORD	5,172	127,923	24·7	93	57	65·5	30·0	44·9	7·17	0·16	0·41
OLDHAM	4,167	84,004	20·2	55	33	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	135	73	61·0	35·0	47·9	8·83	0·05	0·13
LEEDS	21,572	266,564	12·4	221	150	64·0	33·0	46·7	8·16	0·00	0·00
SHEFFIELD	22,830	247,847	10·9	182	115	63·0	30·1	46·6	8·11	0·00	0·00
HULL	3,562	124,976	35·1	104	60	63·0	30·0	46·4	8·00	0·19	0·48
SUNDERLAND	3,306	100,665	30·4	72	48	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	76	61	59·0	40·0	45·5	7·50	0·37	0·94
EDINBURGH	4,427	205,146	46·3	124	118	57·0	32·0	44·5	6·95	0·30	0·76
GLASGOW	5,063	489,136	94·8	349	266	59·9	32·0	46·5	8·05	0·77	1·96
DUBLIN	9,745	310,565	31·9	172	178	61·9	30·8	49·3	9·61	0·35	0·89

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1871 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevailed between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at the Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Preliminary Census Report. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 25th day of May 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	22	2682	653	499	128	63	38	9	125	53	35	100	170	413
LONDON	19	1205	263	227	54	41	20	5	74	16	9	52	94	224
PORTSMOUTH	17	37	10	4	10	1	–	–	–	–	–	1	1	5
NORWICH	19	29	4	10	2	–	–	–	–	1	–	–	–	4
BRISTOL	24	84	21	17	4	2	–	–	3	–	1	5	9	13
WOLVERHAMPTON	26	35	12	9	3	–	–	–	1	1	–	–	–	6
BIRMINGHAM	21	139	32	25	8	–	2	–	8	4	4	9	16	20
LEICESTER	26	49	9	13	13	–	–	–	–	1	–	3	4	5
NOTTINGHAM	21	35	3	8	3	–	–	–	–	–	–	–	–	5
LIVERPOOL	28	273	80	52	2	6	5	3	9	6	9	13	18	55
MANCHESTER	29	199	61	38	–	–	2	–	8	6	2	4	9	33
SALFORD	23	57	13	11	–	–	–	1	4	2	–	2	3	3
OLDHAM	21	33	9	4	–	–	–	–	2	1	–	–	–	2
BRADFORD	25	73	22	8	–	8	3	–	2	3	–	–	–	4
LEEDS	29	150	47	25	6	1	1	–	7	3	5	3	6	15
SHEFFIELD	24	115	22	19	9	3	2	–	1	3	1	1	2	10
HULL	25	60	18	6	11	–	–	–	3	3	–	4	4	1
SUNDERLAND	25	48	11	9	–	1	3	–	3	2	2	2	3	2
NEWCASTLE-ON-TYNE	24	61	16	14	3	–	–	–	–	1	2	1	1	6
DUBLIN	30	178	21	35	36	2	4	–	1	4	1	2	–	52

Table 5. Deaths in London Registered in the Twenty-first Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 25, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	54·0	49·8						
ALL CAUSES – –	1276·5	1205	495	91	188	204	190	37
SPECIFIED CAUSES	1267·5	1200	492	91	188	203	189	37
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	44·4	54	21	14	17	2	–	–
Measles – – – –	39·4	41	38	3	–	–	–	–
Scarlet Fever (Scarlatina)	45·6	20	14	5	1	–	–	–
Diphtheria – – –	6·0	5	4	1	–	–	–	–
Quinsy – – – –	1·5	1	1	–	–	–	–	–
Croup – – – –	11·3	10	8	2	–	–	–	–
Whooping-cough – –	56·2	74	71	3	–	–	–	–
Typhus – – –	44·3	1	–	1	–	–	–	–
Enteric or Typhoid Fever		8	–	2	1	4	1	–
Simple continued Fever –		7	2	2	2	–	1	–
Erysipelas – – –	6·0	11	3	–	2	2	3	1
Puerperal Fever (Metria)	4·4	1	–	–	1	–	–	–
Carbuncle – – –	·3	–	–	–	–	–	–	–
Influenza – – –	·3	–	–	–	–	–	–	–
Dysentery – – –	1·6	1	–	–	1	–	–	–
Diarrhœa – – –	15·3	9	5	–	1	2	1	–
Simple Cholera – –	·6	–	–	–	–	–	–	–
Ague – – – –	·5	–	–	–	–	–	–	–
Remittent Fever – –	·6	–	–	–	–	–	–	–
Rheumatism – –	6·8	7	–	–	4	1	2	–
Other *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	7·6	12	11	–	1	–	–	–
Stricture of Urethra –	·8	–	–	–	–	–	–	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – – –	·6	1	–	–	1	–	–	–
Want of Breast-milk –	6·5	9	9	–	–	–	–	–
Purpura and Scurvy –	2·0	1	1	–	–	–	–	–
Alcoholism { *a* Del. Tremens	2·2	2	–	–	1	1	–	–
{ *b* Intemperance –	1·5	5	–	–	3	2	–	–
Order 4.								
Thrush – – – –	1·9	1	1	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	1·9	–	–	–	–	–	–	–
Dropsy – – – –	13·5	13	2	1	–	6	3	1
Cancer – – – –	27·9	25	–	–	4	13	7	1
Cancrum Oris (Noma) –	·7	–	–	–	–	–	–	–
Mortification – – –	3·9	1	–	–	–	–	–	1
Order 2.								
Scrofula – – – –	8·1	13	8	2	2	1	–	–
Tabes Mesenterica –	16·3	17	15	2	–	–	–	–
Phthisis – – –	174·1	150	6	19	69	45	11	–
Hydrocephalus – –	34·4	22	21	1	–	–	–	–
I. LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	18·0	17	9	1	4	2	1	–
Apoplexy – – –	34·6	28	1	–	2	9	14	2
Paralysis – – –	25·7	23	–	1	3	7	11	1
Insanity – – –	2·3	1	–	–	–	–	–	1
Chorea – – – –	·3	1	–	1	–	–	–	–
Epilepsy – – – –	7·2	9	–	3	5	–	1	–
Convulsions – – –	45·6	35	32	3	–	–	–	–
Brain Disease, &c. –	17·5	9	1	1	2	1	4	–
Order 2.								
Pericarditis – – –	1·6	1	–	1	–	–	–	–
Aneurism – – –	2·4	5	–	–	1	2	2	–
Heart Disease, &c. –	53·5	78	2	4	16	32	24	–
Order 3.								
Laryngitis – – –	6·7	8	7	1	–	–	–	–
Bronchitis – – –	94·3	114	46	4	4	15	39	6
Pleurisy – – – –	2·5	–	–	–	–	–	–	–
Pneumonia – – –	59·7	59	38	1	4	10	5	1
Asthma – – – –	6·6	3	–	–	–	3	–	–
Lung Disease, &c. –	14·5	11	2	1	1	3	4	–
Order 4.								
Gastritis – – – –	2·6	1	–	–	–	–	1	–
Enteritis – – – –	5·9	3	2	–	1	–	–	–
Peritonitis – – –	5·6	6	2	1	2	1	–	–
Ascites – – – –	2·8	2	1	–	–	–	1	–
Ulceration of Intestines –	2·4	7	3	–	2	1	1	–
Hernia – – – –	2·2	3	–	–	–	1	2	–
Ileus – – – –	3·2	3	–	–	–	–	3	–
Intussusception – –	·6	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Twenty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, May 25, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	54·0	49·8						
9. Stricture of Intestines –	1·1	–	–	–	–	–	–	–
10. Fistula – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	5·5	5	–	–	–	1	4	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – –	3·9	2	–	–	1	1	–	–
14. Jaundice – – –	4·1	7	4	1	–	1	1	–
15. *Liver Disease, &c.* – –	14·8	20	–	–	5	9	6	–
16. *Spleen Disease, &c.* – –	·5	1	–	–	1	–	–	–
Order 5.								
1. Nephritis – – –	1·3	2	1	–	–	1	–	–
2. Ischuria – – – –	—	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·7	13	1	1	3	4	3	1
4. Diabetes – – – –	2·2	2	–	1	1	–	–	–
5. Calculus (Stone) – –	·2	–	–	–	–	–	–	–
6. Cystitis – – – –	·6	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	7·7	10	1	–	–	3	6	–
Order 6.								
1. Ovarian Dropsy – –	·3	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	4·5	4	–	–	1	3	–	–
Order 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	4·5	4	–	–	1	3	–	–
Order 8.								
1. Phlegmon – – –	1·3	3	1	–	–	1	1	–
2. Ulcer – – – –	1·1	1	–	–	–	–	1	–
3. *Skin Disease, &c.* – –	·8	3	3	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	26·2	24	24	–	–	–	–	–
2. Cyanosis – – – –	2·2	–	–	–	–	–	–	–
3. Spina Bifida – – –	·4	–	–	–	–	–	–	–
4. Other Malformations –	1·0	2	2	–	–	–	–	–
5. Teething – – – –	16·4	10	10	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·3	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	6·0	3	–	–	3	–	–	–
Order 3.								
1. Old Age – – – –	44·4	36	–	–	–	–	17	19
Order 4.								
1. Atrophy and Debility –	56·0	47	40	2	–	1	4	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	17·8	17	1	1	5	6	2	2
2. Wounds { Gunshot	1·3	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds – –	4·6	8	4	2	1	–	1	–
4. Poison – – – –	1·2	2	2	–	–	–	–	–
5. Drowning – – –	6·4	1	–	1	–	–	–	–
6. Suffocation – – –	6·9	10	10	–	–	–	–	–
7. Otherwise – – –	2·4	3	–	1	1	–	1	–
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·2	–	–	–	–	–	–	–
Order 4.								
(Suicide.)								
1. Wounds { Gunshot	—	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·3	–	–	–	–	–	–	–
2. Poison – – – –	1·4	4	–	–	4	–	–	–
3 Drowning – – –	1·5	2	–	–	–	2	–	–
4. Hanging – – –	1·5	2	–	–	1	1	–	–
5. Otherwise – – –	·9	1	–	–	1	–	–	–
Order 5.								
(Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·2	2	1	–	1	–	–	–
Sudden Deaths (Cause unascertained) – – –	1·7	1	–	–	–	–	1	–
Causes not specified or ill-defined – – – –	7·3	4	3	–	–	1	–	–

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2258	1205	263	227	54	41	20	5	74	1	8	7	9	52	94	22
WEST DISTRICTS	561,189	345	184	49	40	3	2	1	1	13	–	–	1	–	5	17	3
NORTH DISTRICTS	751,668	503	260	53	49	22	13	4	2	16	–	2	1	1	8	15	4
CENTRAL DISTRICTS	333,887	199	126	29	20	1	4	–	–	9	1	1	1	2	9	15	2
EAST DISTRICTS	638,928	515	281	63	47	13	9	5	–	18	–	3	2	2	17	29	6
SOUTH DISTRICTS	966,132	696	354	69	71	15	13	10	2	18	–	2	2	4	13	18	5
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	38	24	2	9	–	1	–	–	2	–	–	–	–	–	3	
St. John Paddington H	38082	17	9	2	2	–	–	–	–	–	–	–	–	–	1	3	
Kensington Town *WL*	91583	73	24	5	3	–	1	–	–	2	–	–	–	–	–	2	
Brompton H	28651	15	4	1	1	–	–	–	–	–	–	–	–	–	1	–	
St. Peter Hammersmith	6662	3	1	1	–	–	–	–	–	1	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	28	15	3	2	–	–	–	–	1	–	–	–	–	1	2	
Fulham *WLLLL*	23378	24	9	5	1	–	–	–	1	–	–	–	–	–	–	–	
Chelsea South HH	26419	14	10	4	3	–	–	–	–	1	–	–	–	–	–	2	
Chelsea North-west H*Ww*	23278	13	10	2	3	–	–	–	–	–	–	–	–	–	–	–	
Chelsea North-east L	21389	9	8	3	–	3	–	–	–	–	–	–	–	–	–	–	
Hanover Square	18700	7	5	1	1	–	–	–	–	3	–	–	–	–	–	–	
May Fair *W*	13020	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	32	25	6	7	–	1	–	–	2	–	–	1	–	–	–	
St. John Westminster HHH	38470	24	10	6	1	–	–	–	–	–	–	–	–	–	1	3	
St. Margaret Westminster *WW*HH	27640	18	13	4	1	–	–	–	–	–	–	–	–	–	1	1	
St. James's Square	10453	5	3	–	2	–	–	–	–	–	–	–	–	–	–	1	
Golden Square *W*	12855	9	3	–	2	–	–	–	–	–	–	–	–	–	–	–	
Berwick-street	10279	1	1	–	–	–	–	–	–	1	–	–	–	–	–	–	
St. Anne Soho HH	17555	10	9	4	2	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	19	12	2	2	–	–	–	–	–	–	–	–	–	1	1	
Cavendish Square	15419	7	5	2	1	–	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	19	8	3	2	–	–	–	–	–	–	–	–	–	–	–	
St. Mary Marylebone H	21795	15	4	1	–	–	–	–	–	–	–	–	–	–	–	–	
Christchurch Marylebone	33892	16	8	–	2	–	1	–	–	2	–	–	–	–	–	–	
St. John Marylebone	33110	27	14	–	3	–	1	3	–	–	–	–	–	–	1	1	
Hampstead *W*HH	32271	16	16	1	1	11	–	–	–	–	–	–	–	–	1	1	1
Regent's Park Pancras	38192	32	11	3	1	–	–	–	–	2	–	–	–	–	1	1	
Tottenham-court *w*H	29360	9	16	3	6	–	1	–	–	1	–	–	–	–	1	1	
Gray's Inn Lane H	29216	14	14	4	2	–	2	–	–	1	–	–	–	–	–	–	
Somers Town	38562	31	20	7	5	–	1	–	–	3	–	–	–	–	–	1	
Camden Town *W*	18066	21	7	1	3	–	–	–	1	–	–	–	–	1	–	–	
Kentish Town *W*	68198	47	27	5	4	–	2	–	–	3	–	1	1	–	1	1	
Islington West HHH	97801	65	28	4	4	–	2	1	1	2	–	–	–	–	2	6	
Islington East *Ww*H	115948	72	35	12	6	2	3	–	–	2	–	–	–	–	–	1	
Stoke Newington L	9810	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	21	11	1	2	4	–	–	–	–	–	–	–	–	–	–	
Hackney *Ww*HHL	50087	35	14	–	2	5	–	–	–	–	–	–	–	–	–	–	
South Hackney L	30305	25	8	4	2	–	–	–	–	–	–	–	1	–	–	1	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	10	2	1	1	–	–	–	–	–	–	–	–	–	1	–	
St. Giles South *WH*	19089	18	10	2	2	–	–	–	–	–	–	–	–	–	–	1	
St. Giles North	16497	14	4	3	1	–	–	–	–	–	–	–	–	–	–	1	
Long Acre	11326	5	4	–	–	–	–	–	–	1	–	–	–	–	–	1	
Charing Cross H	9831	2	9	1	–	–	–	–	–	1	–	1	–	–	–	1	
St. Mary-le-Strand	9376	5	2	–	1	–	–	–	–	–	–	–	–	–	–	1	
St. Clement Danes H	10711	7	5	–	–	–	–	–	–	–	–	–	–	–	2	1	
St. George-the-Martyr HHH	20521	14	6	–	–	–	–	–	–	1	–	–	–	1	–	–	
St. Andrew East Holborn *W*	13528	6	7	–	1	–	–	–	–	–	–	–	–	–	1	1	
Saffron Hill	9051	3	2	–	1	–	–	–	–	–	–	–	–	–	1	–	
St. James Clerkenwell *W*	18912	15	5	4	1	–	–	–	–	–	–	–	–	–	–	1	
Amwell Clerkenwell	16878	7	6	1	1	–	1	–	–	–	–	–	–	–	1	1	
Pentonville	13293	10	7	1	–	1	–	–	–	1	–	–	1	–	–	–	
Goswell-street	16220	11	4	2	2	–	–	–	–	–	–	–	–	–	–	–	
Old-street H	12156	7	7	1	2	–	–	–	–	2	–	–	–	–	–	–	
City-road *W*HHL	18291	20	9	3	–	–	–	–	–	1	–	–	–	–	–	–	
Whitecross-street	13790	5	8	3	2	–	–	–	–	–	–	–	–	–	1	2	
Finsbury	10732	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Botolph East London HH	14484	2	1	–	–	–	–	–	–	–	–	–	–	–	–	1	
Cripplegate	13639	9	4	1	2	–	–	–	–	–	–	–	–	–	–	1	
St. Sepulchre H	7562	3	8	1	1	–	–	–	–	1	–	–	–	–	2	2	
St. Bride *W*	11184	7	6	2	–	–	1	–	–	1	1	–	–	1	–	–	
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	3	3	–	1	–	1	–	–	–	–	–	–	–	–	1	
Queenhithe	4744	3	3	2	–	–	1	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7888	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 25th May 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	9	3	3	-	-	-	-	-	1	-	-	-	-	1	1	-
St. Leonard Shoreditch HL†	16545	12	7	1	2	-	-	1	-	-	-	-	-	-	-	2	3
Hoxton New Town *w*	27832	34	12	2	4	-	-	1	-	2	-	-	-	-	-	1	5
Hoxton Old Town	26944	26	8	2	-	-	-	-	-	2	-	-	-	-	-	-	-
Haggerstone West *W*	24153	29	13	7	1	-	1	-	-	1	-	-	-	-	-	-	-
Haggerstone East	19257	17	8	1	1	-	1	2	-	1	-	-	-	-	-	-	-
Hackney-road	29808	16	10	3	3	-	1	-	-	-	-	-	-	1	-	-	-
Green, Bethnal Green *WHL*†	42443	43	25	4	9	-	1	-	-	2	-	1	-	-	-	-	12
Church, Bethnal Green	26574	28	10	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Town, Bethnal Green	21375	14	6	1	1	-	-	-	-	2	-	-	-	-	-	-	-
Artillery Whitechapel	6651	1	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Spitalfields	15844	11	5	-	1	-	-	-	-	-	-	-	-	-	1	2	-
Mile End New Town *W*	15550	16	5	2	1	-	-	-	-	-	-	-	-	-	-	-	3
Whitechapel North	11434	7	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Whitechapel Church H	7323	5	15	1	1	-	-	-	-	-	-	-	-	-	7	8	13
Goodman's Fields	10381	5	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Aldgate	9149	3	5	1	1	-	-	-	-	-	-	-	-	1	1	1	-
St. Mary St. George East	17906	8	5	2	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Paul St. George East	21356	18	13	7	1	-	1	-	-	1	-	-	1	-	2	3	-
St. John St. George East *W*	8973	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	4
Shadwell	11623	6	8	1	1	-	-	-	-	1	-	-	-	-	1	3	-
Ratcliff H	15930	12	5	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Limehouse *W*	30025	21	16	5	1	-	2	-	-	2	-	-	-	-	1	1	3
Mile End Old Town West	38126	32	12	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Mile End Old Town East *Ww*H	55020	50	21	4	3	2	-	-	-	1	-	-	1	-	-	1	5
Bow *Wvw*HL†	67777	52	40	5	9	5	2	-	-	-	-	1	-	-	1	1	11
Poplar *WW*	48500	35	14	3	-	6	-	1	-	-	-	-	-	-	1	1	1
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	10	9	2	2	1	-	-	-	-	-	-	1	-	-	-	2
St. Saviour Southwark H	15667	14	5	1	-	2	-	-	-	-	-	-	-	-	-	1	-
Keat-road	20430	23	5	1	-	1	-	-	-	-	-	-	-	-	2	1	-
Borough-road *WH*	16694	9	7	2	2	-	-	1	1	-	-	-	-	-	-	1	2
London-road L	18959	9	6	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Trinity Newington	23673	9	10	-	1	-	-	-	-	-	-	-	-	-	1	-	-
St. Peter Walworth *W*	48232	41	12	4	2	1	-	-	-	1	-	-	-	-	1	1	-
St. Mary Newington	16786	8	7	2	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark H	4157	2	14	1	2	-	-	-	-	-	-	-	-	-	1	1	12
St. John Horsleydown *W*	10595	11	5	2	-	-	-	-	-	-	-	-	-	1	-	1	-
Leather Market	16785	14	3	1	1	1	-	-	-	1	-	-	-	-	-	-	-
St. Mary Magdalen *W*	15707	8	7	2	4	-	-	-	-	-	-	-	-	1	-	-	4
St. James Bermondsey	47921	43	18	5	-	-	1	-	-	2	-	-	-	-	-	-	-
Rotherhithe *W*	25873	20	11	1	3	-	-	-	-	1	-	-	-	-	-	-	1
Waterloo-road 1st H	14086	18	6	1	1	1	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd H	18453	14	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-
Lambeth Church 1st H	19470	14	10	1	2	-	-	-	-	-	-	-	-	-	1	1	4
Lambeth Church 2nd *W*	35831	32	22	7	5	-	1	-	-	-	-	-	-	-	-	2	9
Kennington 1st *W*	41284	34	15	3	5	1	1	1	-	1	-	-	1	-	1	1	-
Kennington 2nd	31213	16	9	1	2	2	2	1	-	-	-	-	-	-	-	-	-
Brixton HL	35431	20	11	1	2	3	-	-	-	-	-	1	-	-	1	1	3
Norwood *W*	12534	12	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-
Clapham HL	27348	13	11	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Battersea *W*	53988	39	22	3	4	-	2	-	-	2	-	-	-	1	1	2	2
Wandsworth HL	19797	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Putney	9438	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	14479	7	7	1	-	-	2	-	-	1	-	-	-	-	-	1	-
Dulwich	4041	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell *WL*†L†	31251	27	15	1	2	-	1	3	-	2	-	-	-	-	1	1	5
Peckham *W*	42159	31	15	2	3	-	-	-	-	1	-	-	-	-	1	2	-
St. George Camberwell	33851	24	8	3	3	-	-	-	-	2	-	-	-	-	-	-	-
St. Paul Deptford	53696	45	16	3	5	-	1	-	-	-	-	1	-	1	-	-	-
St. Nicholas Deptford	6487	5	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Greenwich West	21098	8	10	-	3	-	-	-	-	1	-	-	-	-	-	-	-
Greenwich East *WH*	19320	10	12	3	5	-	-	-	-	-	-	-	-	-	-	-	9
Eltham	4528	6	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Lee	16430	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *W*	11508	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Sydenham	19016	14	10	3	1	1	-	4	1	-	-	-	-	-	-	-	-
Charlton H	9503	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Woolwich Dockyard	17229	15	5	3	1	-	1	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal H	18319	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Plumstead, West	13028	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, East *W*	15290	8	5	-	1	1	-	-	-	-	-	-	-	-	-	-	2

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25th MAY, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	19	..	29·630	54·8	35·1	19·7	44·1	37·0	99·0	30·9	53·6	51·6	7·1	18·0	2·6	— 9·1	76	SW.	SSE. & SW.	0·8	0·0	0·1	140	0·00	..
MONDAY . .	20	..	29·664	61·2	32·6	28·6	47·8	38·3	125·3	28·2	53·0	51·0	9·5	20·0	1·9	— 5·7	69	S.	SSW. & S.	1·3	0·0	0·1	164	0·01	..
TUESDAY .	21	..	29·661	65·7	38·7	27·0	51·7	42·2	140·0	32·1	52·8	50·8	9·5	20·7	1·4	— 2·1	70	SSW. & SW.	WSW.	1·7	0·0	0·2	266	0·00	..
WEDNESDAY	22	Full	29·704	66·0	39·7	26·3	50·8	41·4	138·8	33·1	53·6	50·6	9·4	23·0	1·6	— 3·3	70	WSW.	WSW. & SW.	2·2	0·0	0·2	239	0·00	..
THURSDAY.	23	..	29·749	64·6	39·3	25·3	49·7	40·9	131·1	32·3	54·1	52·0	8·8	20·0	1·6	— 4·6	72	SSW. & WSW.	SW.	0·8	0·0	0·1	200	0·00	..
FRIDAY . .	24	Perigee	29·864	63·3	41·7	21·6	51·7	42·8	120·2	32·6	55·0	53·0	8·9	20·0	4·0	— 2·9	72	WSW. & NW.	NNE. & S.	0·5	0·0	0·0	130	0·04	..
SATURDAY.	25	Greatest Dec. N.	30·063	66·6	40·2	26·4	52·8	43·9	117·5	33·8	55·4	53·6	8·9	23·0	0·5	— 2·1	72	W. & N.	N. by W.	0·7	0·0	0·1	148	0·00	..
MEANS . .		..	29·762	63·2	38·2	25·0	49·8	40·9	124·6	31·9	53·9	51·8	8·9	20·7	1·9	— 4·3	72	SW.		..	..	..	Sum 1287	Sum 0·05	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
MAY.			
SUNDAY .	19	No electricity shown.	Fine, but hazy and foggy, till noon. Cloudy generally till night. Cloudless about 11h. P.M.
MONDAY .	20	Weak negative at noon.	Cloudless and very fine, with hoar frost in early morning. The amount of cloud variable throughout the day. A shower of rain fell at night. Snow fell at Manchester.
TUESDAY .	21		Fine, with light clouds. A few drops of rain fell in the evening. Snow and hail at Wolverhampton. Thunder and lightning at Birmingham and Wolverhampton.
WEDNESDAY	22	No electricity shown.	Cloudless and very fine in the morning and at night. Hazy and cloudy at mid-day.
THURSDAY .	23		Variable amounts of cloud prevalent. A heavy shower of rain fell about 3h. P.M.
FRIDAY .	24	Weak positive at night.	A very dull, hazy, and misty day. Cloudy generally. Heavy rain fell between 9h. and 11h. P.M.
SATURDAY .	25	No electricity shown.	A very fine cloudless morning. Clouds of the cirro-cumulus type generally present during the day. Hazy at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·50 in. at the beginning of the week to 29·68 in. by 9h. A.M. on the 20th; decreased to 29·65 in. by 3h. P.M. on the 21st; and increased generally to 30·11 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
3rd June 1872.

United Kingdom.

During the week ending Saturday the 1st instant, 5595 *births* and 3349 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 29 per 1000 persons living, in Glasgow 32 per 1000, and in Dublin 24; the deaths from small-pox in Dublin, which had been 47, 37, and 36 in the three preceding weeks, further declined to 23 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 21 per 1000; Portsmouth 25, Norwich 26, Bristol 20, Wolverhampton 20, Birmingham 23, Leicester 22, Nottingham 20, Liverpool 25, Manchester 28, Salford 20, Oldham 24, Bradford 34, Leeds 24, Sheffield 27, Hull 25, Sunderland 24, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 136 and 128, further declined to 100 last week; of these, 37 occurred in London, 15 in Portsmouth, 12 in Leicester, 10 in Hull, 6 in Birmingham, 5 in Sheffield, and 4 each in Bristol and Leeds. The annual death-rate from this disease was equal to 7 per 1000 in Portsmouth, 6 in Leicester, 4 in Hull, and one each in Sheffield and Bristol.

London.

In London 2234 births and 1336 deaths were registered last week. After making due allowance for increase of population, the births were 9, and the deaths 72, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 20 and 19 per 1000, rose last week to 21. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 20 in the North, 25 in the Central, 22 in the East, and 21 in the South groups of Districts.

The 1336 deaths included 37 from small-pox, 59 from measles, 18 from scarlet fever, 10 from diphtheria, 72 from whooping-cough, 28 from different forms of fever (of which 3 were certified as typhus, 13 as enteric or typhoid, and 12 as simple continued fever), and 15 from diarrhœa; thus to the seven principal diseases of the zymotic class 239 deaths were referred, against 234 and 219 in the two preceding weeks. The deaths from measles, diphtheria, fever, and diarrhœa showed an increase upon those returned in recent weeks, while the fatal cases of the other principal zymotic diseases were less numerous. Four deaths were referred to measles in Battersea; 3 fatal cases of scarlet fever were returned in Woolwich Arsenal, and 2 in Sydenham sub-districts; 2 each of diphtheria in Regent's Park and Islington East. The fatality from whooping-cough was general, and the deaths from this disease were within 2 of those returned in the previous week.

The fatal cases of small-pox, which in each of the two previous weeks had been 54, declined last week to 37, of which 11 were recorded in the special small-pox hospitals, against 23 and 19 in the two preceding weeks. Out of those institutions, 3 deaths were referred to this disease in Poplar, and 2 each in Bow and Lee sub-districts.

The mean temperature during the 21 days ending on Sunday, 26th ultimo, showed an average daily deficiency of 4°·4; the 4 following days last week (Monday to Thursday, both inclusive) were warm, and the mean was equal to 60°·3 or 4°·5 above the average. On Friday and Saturday the temperature again fell below the average. The deaths referred to diseases of the respiratory organs, including phthisis, which in the two previous weeks had been 398 and 345, rose again last week to 413, which exceeded the corrected average weekly number by 25.

Seven deaths were distinctly referred to syphilis last week, all being congenital cases in infants under two years of age; one of these was of an illegitimate child.

To different forms of violence 42 deaths were referred; 36 were the result of negligence or accident, including 13 from fractures and contusions, 2 from burns and scalds, 7 from drowning, 7 from suffocation, and 3 from poison; six of the deaths from suffocation were of infants under one year of age. Five cases of suicide, and one of infanticide, were registered during the week.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets, including one on a tramway. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 73 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 2d instant; of these, 67 occurred in the Metropolitan, and 6 in the City Police Districts.

During the week 78 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 76 and 94 in the two preceding weeks; these showed a proportion to the total deaths of 6 per cent.

In the large Public Institutions 235 deaths were recorded, or 18 per cent. of the total deaths; of these 143 occurred in Workhouses and 84 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 30th April were 439, including 112 fatal cases of small-pox, against 85 and 80 in the two preceding weeks. In Calcutta 194 deaths were returned in the week ending 20th April. The official returns do not give either for Bombay or Calcutta the results of the recent enumeration of their populations, both of which appear to have been over-estimated. In Madras the 225 deaths in the week ending May 3rd showed an annual death-rate equal to 30 per 1000 of the recently enumerated population.

Foreign Cities.

In Paris 794 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 90 deaths occurred in the week ending 25th ultimo, and the annual death-rate was 25 per 1000. In Berlin during the week ending last Thursday, 484 deaths were recorded, showing an annual rate of 30 per 1000; these included 13 from small-pox and 12 from enteric fever. In Rome 151 deaths were registered in the week ending the 19th ultimo, and the annual death-rate was 32 per 1000.

In the City of New York 764 deaths were registered in the week ending 11th May, and the equivalent annual rate of mortality was 42 per 1000; 50 deaths were referred to cerebro-spinal meningitis, against 40 and 42 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·00 in.; the highest reading was 30·20 in. on Sunday evening, the 26th ultimo, and the lowest 29·79 in. on Friday afternoon. The mean temperature of the *air* was 57°·7, or 1°·8 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on the first, and on the last two days of the week, while an excess was shown on each of the others; on Tuesday the mean was 62°·1, and 6°·4 above the average, while on Saturday it fell to 53°·9 and was in defect by 3°·1. The highest day temperature in the shade was 73°·2 on Tuesday, and the lowest night temperature 42°·3 on Saturday; the entire range in the week was, therefore, 30°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 144°·7 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 8°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 57°·5. The mean degree of *humidity* of the air was 74, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on Thursday and Friday, to the amount of ·15 of an inch, nearly the whole of which was measured on Friday.

The mean temperature in the other large English towns furnishing returns ranged from 52°·4 in Newcastle, to 56°·9 in Norwich; the lowest recorded night temperature was 36°·7 in Leicester, and the highest day temperature in the shade 74°·4 in Nottingham. No rain fell in Portsmouth, Nottingham, or Newcastle; the amounts measured in the other towns furnishing returns ranged from ·04 of an inch in Leeds, to ·91 in Liverpool.

In Centigrade degrees the mean temperature of the air at Greenwich was 14°·3, or 1°·0 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 22°·9, the lowest night temperature 5°·7, and the highest temperature in the sun 62°·6. The wind blew at the rate of 13 kilometres an hour, and the rain-fall measured ·38 of a centimetre.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 220,285 cubic metres, and at Barking 284,742 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-SECOND Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1986	1997	1893	1860	2136	2237	2039	2100	2150	1992	2039·0	2234
Males . .	1010	1005	919	969	1111	1176	1018	1080	1101	1024	1041·3	1125
Females .	976	992	974	891	1025	1061	1021	1020	1049	968	997·7	1109
TOTAL **Deaths**	1119	1296	1213	1187	1540	1250	1217	1355	1232	1393	1280·2	1336
Males . .	591	649	639	641	792	642	676	683	644	771	672·8	689
Females .	528	647	574	546	748	608	541	672	588	622	607·4	647

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.
TOTAL **Deaths** - - -	1565	1475	1463	1641	1559	1470	1410	1415	1387	1250	1268	1205	1336
Deaths under 5 years of age -	666	648	636	667	698	630	620	572	565	499	523	495	527
Deaths 5—20 - - -	123	96	98	132	95	109	95	110	108	103	91	91	83
Deaths 20—40 - - -	228	209	210	239	171	195	191	198	215	186	200	188	198
Deaths 40—60 - - -	244	218	205	264	261	238	219	250	260	201	215	204	241
Deaths 60—80 - - -	242	248	258	275	285	244	241	233	199	206	199	190	234
Deaths at 80 years & upwards	62	56	56	64	49	54	44	52	40	55	40	37	53
Deaths from Small-pox - -	49	42	48	55	65	49	48	41	62	39	54	54	37
„ „ Measles - -	52	40	66	63	68	66	77	58	64	35	47	41	59
„ „ Scarlet Fever -	29	19	19	22	23	26	11	17	11	10	16	20	18
„ „ Diphtheria -	8	3	6	4	3	6	7	7	6	9	5	5	10
„ „ Whooping-cough	111	111	102	118	118	100	72	85	81	83	73	74	72
„ „ Typhus fever -	5	7	7	3	3	2	3	3	5	4	2	1	3
„ „ Enteric (or Typhoid) fever -	10	16	19	16	19	12	16	17	10	15	11	8	13
„ „ SimpleContdfever	9	6	5	7	2	4	3	6	5	8	12	7	12
„ „ Diarrhœa - -	12	16	15	9	7	10	13	15	9	10	14	9	15
„ „ Simple Cholera -	1	—	—	—	—	—	—	—	1	—	—	—	—
„ „ Phthisis - -	174	187	177	218	152	190	175	178	193	165	174	150	186
„ „ Bronchitis - -	181	197	203	225	216	149	151	149	146	121	114	114	130
„ „ Pneumonia -	107	82	87	110	83	91	78	91	62	58	63	59	72
„ „ Heart Disease -	75	73	64	79	73	66	67	80	64	58	54	78	61
Mean Temperature of the Air	48°·7	44°·6	38°·9	43°·5	44°·7	51°·4	46°·2	50°·1	52°·6	47°·2	47°·5	49°·8	57°·7
Mean Temperature of the Water of the Thames -	47·7	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5
Humidity of the Air - -	80	80	85	88	84	73	71	77	72	80	86	72	74
Hain-fall in inches - -	0·07	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 1st day of June 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 1st June 1872.	DEATHS registered during the Week ending 1st June 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5595	3349	74·4	35·5	54·6	12·55	0·31	0·79
LONDON	78,080	3,311,298	42·4	2234	1336	73·2	42·3	57·7	14·28	0·15	0·38
PORTSMOUTH	9,513	115,455	12·1	68	55	72·4	40·0	55·6	13·11	0·00	0·00
NORWICH	7,472	81,105	10·9	60	41	73·2	40·5	56·9	13·83	0·10	0·25
BRISTOL	4,688	186,428	39·8	126	73	64·0	44·0	53·6	12·00	—	—
WOLVERHAMPTON	3,387	69,268	20·5	64	27	71·8	38·7	53·9	12·17	0·47	1·19
BIRMINGHAM	7,831	350,164	44·7	304	156	69·6	41·6	54·4	12·44	0·05	0·13
LEICESTER	3,200	99,143	31·0	114	41	73·2	36·7	54·3	12·39	0·34	0·86
NOTTINGHAM	1,996	88,225	44·2	66	34	74·4	39·2	55·5	13·05	0·00	0·00
LIVERPOOL	5,108	499,897	97·9	434	243	64·2	47·4	53·4	11·89	0·91	2·31
MANCHESTER	4,486	352,759	78·6	369	191	69·5	41·0	55·2	12·89	0·85	2·16
SALFORD	5,172	127,923	24·7	135	50	67·0	40·0	52·7	11·50	0·90	2·29
OLDHAM	4,167	84,004	20·2	80	39	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	133	98	66·4	43·6	55·0	12·78	0·09	0·23
LEEDS	21,572	266,564	12·4	167	122	69·0	40·0	54·2	12·33	0·04	0·10
SHEFFIELD	22,830	247,847	10·9	207	127	70·5	41·7	54·2	12·33	0·25	0·63
HULL	3,562	124,976	35·1	99	61	73·0	40·0	54·7	12·61	0·22	0·56
SUNDERLAND	3,306	100,665	30·4	84	46	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	112	54	62·0	48·0	52·4	11·33	0·00	0·00
EDINBURGH	4,427	205,146	46·3	136	113	—	—	—	—	—	—
GLASGOW	5,063	489,136	94·8	437	300	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	166	142	69·4	35·5	54·2	12·33	0·56	1·42

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 187 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevaile between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at th Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Preliminar Census Report. The population of Dublin is taken as stationary.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Wee ending Saturday the 1st day of June 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	23	2794	654	556	100	99	37	14	114	72	43	103	182	41
LONDON	21	1336	291	287	37	59	18	10	72	28	15	42	78	23
PORTSMOUTH	25	55	8	10	15	4	–	–	–	5	–	3	3	
NORWICH	26	41	6	11	–	–	1	–	–	2	–	1	1	
BRISTOL	20	73	11	22	4	–	–	–	1	3	2	–	2	1
WOLVERHAMPTON	20	27	7	4	–	–	2	–	1	1	1	2	2	
BIRMINGHAM	23	156	48	24	6	–	1	2	4	3	4	10	15	2
LEICESTER	22	41	9	5	12	–	–	–	–	–	1	2	3	
NOTTINGHAM	20	34	8	6	1	–	–	–	–	1	–	–	3	
LIVERPOOL	25	243	84	51	1	13	6	2	14	9	7	10	11	2
MANCHESTER	28	191	36	36	1	3	–	–	7	2	1	10	24	3
SALFORD	20	50	12	11	–	1	–	–	2	1	1	4	5	
OLDHAM	24	39	11	7	1	1	1	–	1	2	–	1	2	
BRADFORD	34	98	27	11	–	11	–	–	2	6	3	6	12	1
LEEDS	24	122	29	22	4	3	1	–	2	2	3	3	5	1
SHEFFIELD	27	127	31	18	5	3	5	–	3	2	–	4	8	1
HULL	25	61	13	15	10	–	1	–	1	2	2	1	1	
SUNDERLAND	24	46	15	2	1	1	1	–	1	3	–	1	2	
NEWCASTLE-ON-TYNE	22	54	8	14	2	–	–	–	3	–	3	3	5	1
DUBLIN	24	142	16	39	23	4	2	–	–	6	–	1	1	5

TABLE 5.—DEATHS Registered in LONDON in the TWENTY-SECOND Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 1, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	55°·2	57°·7						
ALL CAUSES – –	1280·2	1336	527	83	198	241	234	53
SPECIFIED CAUSES	1268·1	1324	519	83	198	239	233	52
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	39·2	37	10	9	13	5	–	–
Measles – – –	40·6	59	57	2	–	–	–	–
Scarlet Fever (Scarlatina)	46·9	18	10	6	2	–	–	–
Diphtheria – – –	7·5	10	6	4	–	–	–	–
Quinsy – – –	·9	–	–	–	–	–	–	–
Croup – – –	12·9	10	10	–	–	–	–	–
Whooping cough – –	52·0	72	71	1	–	–	–	–
Typhus – – –	45·5	3	–	1	2	–	–	–
Enteric or Typhoid Fever		13	3	4	4	–	2	–
Simple continued Fever		12	5	4	1	–	2	–
Erysipelas – – –	5·9	5	1	–	–	1	3	–
Puerperal Fever (Metria)	2·8	6	–	–	6	–	–	–
Carbuncle – – –	·9	–	–	–	–	–	–	–
Influenza – – –	·3	–	–	–	–	–	–	–
Dysentery – – –	1·5	–	–	–	–	–	–	–
Diarrhœa – – –	21·0	15	5	–	1	2	6	1
Simple Cholera – –	·7	–	–	–	–	–	–	–
Ague – – – –	·2	–	–	–	–	–	–	–
Remittent Fever – –	1·0	–	–	–	–	–	–	–
Rheumatism – – –	6·2	9	–	3	2	3	1	–
Other *Zymotic* Diseases –	·3	2	2	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	8·0	7	7	–	–	–	–	–
Stricture of Urethra –	1·7	3	–	–	–	1	2	–
Hydrophobia – – –	·1	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·1	–	–	–	–	–	–	–
Want of Breast-milk –	7·3	10	10	–	–	–	–	–
Purpura and Scurvy –	1·9	6	3	–	2	1	–	–
Alcoholism { a Del. Tremens	2·4	1	–	–	1	–	–	–
Alcoholism { b Intemperance –	1·6	2	–	–	–	2	–	–
ORDER 4.								
Thrush – – – –	2·8	3	3	–	–	–	–	–
Worms, &c. – – –	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·2	2	–	–	–	1	1	–
Dropsy – – – –	10·4	18	3	2	1	4	8	–
Cancer – – – –	27·9	31	–	–	2	21	7	1
Cancrum Oris (Noma) –	·3	–	–	–	–	–	–	–
Mortification – – –	3·8	10	–	–	–	1	7	2
ORDER 2.								
Scrofula – – –	10·0	11	8	1	1	1	–	–
Tabes Mesenterica –	19·8	16	14	2	–	–	–	–
Phthisis – – –	173·4	186	8	14	84	72	7	1
Hydrocephalus – –	33·8	21	17	3	–	1	–	–
I. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	13·9	25	17	3	3	2	–	–
Apoplexy – – –	36·5	31	3	–	3	8	13	4
Paralysis – – –	22·2	28	–	–	2	6	15	5
Insanity – – – –	2·0	7	–	–	3	3	1	–
Chorea – – – –	·1	–	–	–	–	–	–	–
Epilepsy – – – –	6·0	3	–	1	–	1	1	–
Convulsions – – –	44·6	47	45	1	1	–	–	–
Brain Disease, &c. – –	18·6	15	2	–	5	4	4	–
ORDER 2.								
Pericarditis – – –	2·4	2	–	–	–	1	1	–
Aneurism – – –	2·9	1	–	–	1	–	–	–
Heart Disease, &c. – –	56·0	61	–	4	10	19	27	1
ORDER 3.								
Laryngitis – – –	6·4	3	2	–	1	–	–	–
Bronchitis – – –	92·0	130	42	2	1	23	54	8
Pleurisy – – –	3·4	8	–	1	4	1	1	1
Pneumonia – – –	61·0	72	39	2	11	11	8	1
Asthma – – – –	5·3	2	–	–	–	1	1	–
Lung Disease, &c. – –	11·3	12	4	1	1	2	4	–
ORDER 4.								
Gastritis – – – –	1·8	4	1	–	1	2	–	–
Enteritis – – – –	5·2	1	–	–	1	–	–	–
Peritonitis – – –	4·2	6	1	2	1	1	1	–
Ascites – – – –	3·4	2	–	–	–	1	1	–
Ulceration of Intestines –	2·2	1	–	1	–	–	–	–
Hernia – – – –	2·4	2	1	–	–	–	1	–
Ileus – – – –	3·1	3	1	–	1	–	–	1
Intussusception – –	1·7	2	1	–	–	–	1	–

CAUSES OF DEATH.	Average in the Twenty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 1, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	55°·2	57°·7						
9. Stricture of Intestines –	·6	1	–	–	1	–	–	–
10. Fistula – – –	·6	2	–	–	–	2	–	–
11. *Stomach Disease, &c.* –	6·8	7	1	–	–	2	4	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – –	3·1	4	–	–	1	1	1	1
14. Jaundice – – –	3·9	8	4	–	–	1	3	–
15. *Liver Disease, &c.* – –	16·1	24	1	–	4	10	8	1
16. *Spleen Disease, &c.* – –	·3	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·3	1	–	–	–	1	–	–
2. Ischuria – – –	·1	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·0	12	–	–	4	5	2	1
4. Diabetes – – –	1·5	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·8	–	–	–	–	–	–	–
6. Cystitis – – –	1·5	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	7·9	5	–	–	–	3	2	–
ORDER 6.								
1. Ovarian Dropsy – –	·4	1	–	–	1	–	–	–
2. *Uterus Disease, &c.* – –	4·0	1	–	–	–	1	–	–
ORDER 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	6·1	7	1	3	1	2	–	–
ORDER 8.								
1. Phlegmon – – –	1·4	4	2	–	2	–	–	–
2. Ulcer – – – –	·7	1	–	–	1	–	–	–
3. *Skin Disease, &c.* – –	1·2	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	20·3	16	16	–	–	–	–	–
2. Cyanosis – – – –	1·7	3	3	–	–	–	–	–
3. Spina Bifida – – –	·8	–	–	–	–	–	–	–
4. Other Malformations –	1·9	3	3	–	–	–	–	–
5. Teething – – – –	17·8	17	17	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·3	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	6·4	3	–	–	1	2	–	–
ORDER 3.								
1. Old Age – – – –	43·4	41	–	–	–	–	19	22
ORDER 4.								
1. Atrophy and Debility	56·7	55	47	–	–	1	7	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	16·0	13	2	3	4	3	–	1
2. Wounds { Gunshot –	·6	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	3·3	2	–	–	–	–	2	–
4. Poison – – – –	1·1	3	1	–	1	1	–	–
5. Drowning – – –	8·9	7	–	3	3	–	1	–
6. Suffocation – – –	6·4	7	7	–	–	–	–	–
7. Otherwise – – –	3·0	4	1	–	–	1	2	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	3·1	1	1	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot –	·3	1	–	–	–	1	–	–
1. Wounds { Cut, Stab –	1·9	1	–	–	–	1	–	–
2. Poison – – – –	·9	–	–	–	–	–	–	–
3. Drowning – – –	·7	–	–	–	–	–	–	–
4. Hanging – – –	1·7	1	–	–	–	1	–	–
5. Otherwise – – –	·3	2	–	–	2	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	1·6	2	2	–	–	–	–	–
Causes not specified or ill-defined – – – –	10·5	10	6	–	–	2	1	1

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	[In Public Insti-
LONDON	3,251,804	2234	1336	291	287	37	59	18	10	72	3	13	12	15	42	78	23
WEST DISTRICTS	561,189	293	221	33	68	3	6	2	2	6	1	2	4	2	7	11	5
NORTH DISTRICTS	751,668	490	298	67	52	17	12	6	5	17	1	2	2	-	7	14	8
CENTRAL DISTRICTS	333,887	197	155	40	35	-	9	1	-	17	-	2	2	-	5	7	2
EAST DISTRICTS	638,928	534	266	63	52	9	9	1	2	10	1	3	3	5	9	21	4
SOUTH DISTRICTS	966,132	720	396	88	80	8	23	8	1	22	-	4	1	8	14	25	6
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	30	27	4	8	-	2	1	-	1	-	-	-	1	-	1	
St. John Paddington H	38082	12	12	2	3	-	-	-	-	-	-	-	-	-	-		
Kensington Town *WL*	91583	56	23	4	9	-	-	-	-	-	1	-	-	-	-		
Brompton H	28651	11	7	-	2	-	-	1	-	1	-	-	-	-	-		
St. Peter Hammersmith	6662	2	3	-	3	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H	36030	25	12	2	6	1	-	-	-	2	-	-	1	-	-		
Fulham *WLLLL*	23378	13	8	1	3	-	-	-	-	-	-	-	-	-	1	1	
Chelsea South HH	26419	12	13	3	3	1	-	-	-	-	-	-	-	-	-		
Chelsea North-west *HWw*	23278	13	17	2	6	1	-	-	-	-	-	-	2	-	-		
Chelsea North-east L	21389	15	11	4	1	-	-	-	-	1	-	-	-	1	1	1	
Hanover Square	18700	8	10	2	4	-	1	-	1	-	-	-	-	-	1	2	
May Fair *W*	13020	4	6	1	-	-	1	-	-	-	-	-	1	-	3	3	
Belgrave HH	58043	29	23	-	6	-	1	-	1	-	-	-	-	-	-		
St. John Westminster HHH	38470	23	6	2	1	-	-	-	-	-	-	-	1	-	1	1	2
St. Margaret Westminster *WWHH*	27640	15	28	5	11	-	-	-	-	1	-	-	1	-	1	1	
St. James's Square	10453	2	2	-	-	-	-	-	-	-	-	1	-	-	-		
Golden Square *W*	12855	10	5	-	1	-	1	-	-	-	-	-	-	-	-		
Berwick-street	10279	6	5	1	1	-	-	-	-	-	-	-	-	-	-		
St. Anne Soho HH	17555	7	3	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	20	11	2	1	-	-	-	-	-	-	-	-	-	1	2	
Cavendish Square	15419	6	4	-	2	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone *WH*	26387	27	19	4	4	-	1	-	-	1	-	-	-	-	1	3	
St. Mary Marylebone H	21795	14	10	3	2	-	-	-	-	-	-	-	1	-	-		
Christchurch Marylebone	33892	10	15	3	-	1	2	1	-	1	-	-	1	-	2	2	
St. John Marylebone	33110	24	18	4	2	1	2	-	-	1	-	-	-	-	-		
Hampstead *WHH*	32271	12	13	3	-	5	-	-	1	1	-	-	-	-	-		
Regent's Park Pancras	38192	27	16	5	3	-	-	1	2	1	-	-	-	-	-		
Tottenham-court *wH*	29360	18	11	3	1	-	2	-	-	-	-	-	-	-	-	1	
Gray's Inn Lane H	29216	23	6	2	1	-	-	1	-	-	-	-	-	-	1	1	
Somers Town	38562	21	13	3	1	-	-	1	-	2	-	-	-	-	-	1	
Camden Town *W*	18066	15	12	2	2	-	-	-	-	1	-	-	-	-	1	3	
Kentish Town *W*	68198	39	25	6	8	-	1	-	-	2	-	-	-	-	-		
Islington West HHH	97801	55	33	5	7	3	2	1	-	1	-	1	-	-	-		
Islington East *WwH*	115948	93	44	13	6	1	2	-	2	3	-	-	-	-	-		
Stoke Newington L	9810	9	2	-	1	1	-	-	-	-	-	-	-	-	-		
Stamford Hill	6599	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney	28076	19	9	2	3	1	-	-	-	2	-	-	-	-	1	1	1
Hackney *WwHHL*	50087	33	29	6	4	4	-	1	-	1	1	-	-	-	-		
South Hackney L	30305	20	7	1	4	-	-	-	-	-	-	1	-	-	-		
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	6	8	1	1	-	-	-	-	-	-	-	-	-	1	2	
St. Giles South *WH*	19089	7	8	1	2	-	1	-	-	-	-	-	-	-	-		
St. Giles North	16497	11	3	2	-	-	-	-	-	-	-	-	-	-	-		
Long Acre	11326	7	7	1	-	-	-	-	-	1	-	-	1	-	1	-	
Charing Cross H	9831	1	6	-	1	-	-	-	-	1	-	-	-	-	-	1	
St. Mary-le-Strand	9376	2	6	2	-	-	1	-	-	2	-	1	-	-	1	1	
St. Clement Danes H	10711	1	9	4	1	-	1	-	-	2	-	-	-	-	-		
St. George-the-Martyr HHH	20521	7	9	2	2	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew East Holborn *W*	13528	4	10	2	3	-	1	-	-	1	-	-	1	-	-	-	
Saffron Hill	9051	7	5	2	1	-	1	-	-	1	-	-	-	-	-		
St. James Clerkenwell *W*	18912	10	10	3	-	-	1	-	-	1	-	-	-	-	-		
Amwell Clerkenwell	16878	12	5	1	1	-	2	-	-	1	-	-	-	-	-		
Pentonville	13293	11	7	2	2	-	-	-	-	1	-	-	-	-	-		
Goswell-street	16220	20	7	3	1	-	-	1	-	1	-	-	-	-	-		
Old-street H	12156	10	3	1	-	-	-	-	-	-	-	-	-	-	1	1	
City-road *WHHL*	18291	29	9	4	3	-	1	-	-	1	-	-	-	-	-		
Whitecross-street	13790	8	4	1	1	-	-	-	-	-	-	-	-	-	-	1	
Finsbury	10732	7	5	2	1	-	-	-	-	1	-	-	-	-	-		
St. Botolph East London HH	14484	15	8	3	3	-	-	-	-	1	-	-	-	-	-	-	
Cripplegate	13639	5	7	1	5	-	-	-	-	1	-	-	-	-	1	1	
St. Sepulchre H	7662	3	7	-	2	-	-	-	-	1	-	-	-	-	-		
St. Bride *W*	11184	5	2	1	-	-	-	-	-	-	-	-	-	-	-		
Castle Baynard	4389	2	1	-	1	-	-	-	-	-	-	-	-	-	-		
Christchurch	6308	2	2	-	2	-	-	-	-	-	-	-	-	-	-		
Queenhithe	4744	2	1	-	1	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking	5694	2	4	-	1	-	-	-	-	-	-	-	-	-	-		
Broad Street	7838	1	2	1	-	-	-	-	-	-	1	-	-	-	-		

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT aturday, 1st June 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include											
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	9	2	1													
St. Leonard Shoreditch HL†	16545	6	7	2	2								1	1			
Hoxton New Town *w*	27832	28	22	7	5		2			2							5
Hoxton Old Town	26944	17	4	1	1												
Haggerstone West *W*	24153	24	7			1											2
Haggerstone East	19257	14	6	1								1					
Hackney-road	29808	27	8	2		1			1				1				
Green, Bethnal Green *WHL*†	42443	27	18	5	4			1						1			5
Church, Bethnal Green	26574	22	7	1	2		1			1							
Town, Bethnal Green	21375	23	7	2			1			1							
Artillery Whitechapel	6651	3	2	1	1												
Spitalfields	15844	18	6	1		1				1	1	1					
Mile End New Town *W*	15550	11	9	2	1											3	5
Whitechapel North	11434	12	2		1											1	
Whitechapel Church H	7323	5	9		2										2	2	6
Goodman's Fields	10381	10	7	2	1					1						1	
Aldgate	9149	4	5	1	1											2	
St. Mary St George East	17906	16	8	2			1					1					
St. Paul St. George East	21356	19	9	4													
St. John St. George East *W*	8973	15	3		1												3
Shadwell	11623	5															
Ratcliff H	15930	14	3	2													
Limehouse *W*	30025	33	14	3	2		1			1					1	1	1
Mile End Old Town West	38126	30	17	4	3	1							2			1	
Mile End Old Town East *WwH*	55020	31	23	5	9				1	1			1	1	1	2	1
Bow *WwwHL*†	67777	64	36	7	7	2	2			2					2	2	13
Poplar *WW*	48500	47	25	7	9	3	1								3	5	
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	10	9	1	1		1								1	2	2
St. Saviour Southwark H	15667	6	5	2	1		2										
Kent-road	20430	20	5	3										1		1	
Borough-road *WH*	16694	9	5	1						1							
London-road L	18959	13	8	3	1		1						1			1	1
Trinity Newington	23673	17	8	2	2			1									
St. Peter Walworth *W*	48232	48	27	6	8	1		1		1		1					11
St. Mary Newington	16786	5	7	2	1												
St. Olave Southwark H	4157	1	8												3	3	7
St. John Horsleydown *W*	10595	7	4	2													
Leather Market	16785	13	4		1												
St. Mary Magdalen *W*	15707	12	8	1	2	1								1			3
St. James Bermondsey	47921	38	23	9	3					3					1	1	
Rotherhithe *W*	25873	28	7		2					1				1	1	1	
Waterloo-road 1st H	14086	22	5	1		1											
Waterloo-road 2nd H	18453	18	5		2					1							
Lambeth Church 1st H	19470	12	12	2	1							1			1		7
Lambeth Church 2nd *W*	35831	38	23	7	6	1	1			2							8
Kennington 1st *W*	41284	31	18	5	4		2			2						1	1
Kennington 2nd	31213	19	11	1	1		2			3		1					
Brixton HL	35431	26	8		4	1				1				1			1
Norwood *W*	12534	6	4	1													
Clapham HL	27348	12	13	3	3		2	1									
Battersea *W*	53968	40	20	5	6		4			1				1			4
Wandsworth HL	10797	12	3	1						1		1					
Putney	9438	6	3	1						1							
Streatham	14479	13	3	1						1							
Dulwich	4041	2															
Camberwell *WL*†*L*†	31251	23	12	2	2		1									1	3
Peckham *W*	42159	40	14	3	1									1	1	1	
St. George Camberwell	33851	20	6	3													
St. Paul Deptford	53696	40	22	4	10		2							1			
St. Nicholas Deptford	6487	9	5	2	1	1										1	
Greenwich West	21098	9	7	2	2										1	2	
Greenwich East *WH*	19320	18	19	1	5		1								4	4	9
Eltham	4528		1		1												
Lee	16430	7	8		2	2				1							
Lewisham Village *W*	11508	5	3	2	1					1				1			1
Sydenham	19016	10	9	2	1			2	1						1	1	
Charlton H	9503	2	3		1												2
Woolwich Dockyard	17229	14	4	1			1			1							
Woolwich Arsenal H	18319	16	14	4			1	3								2	
Plumstead West	13028	8	1														
Plumstead East *W*	15290	15	12	2	4		2									3	4

he following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st JUNE, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	26	..	30·187	65·5	46·0	19·5	54·7	51·4	89·0	39·8	55·3	53·5	3·3	13·1	0·8	— 0·5	89	NNW, WSW, & NW.	NW.	0·2	0·0	0·0	105	0·00	..
MONDAY	27	..	30·165	72·1	54·0	18·1	60·1	51·2	124·2	47·4	57·1	55·2	8·9	17·2	2·8	+ 4·7	73	WSW&N by E	NW & N.	0·5	0·0	0·0	123	0·00	..
TUESDAY	28	..	30·080	73·2	52·2	21·0	62·1	53·7	128·3	45·3	58·3	55·6	8·4	15·6	2·0	+ 6·4	74	WSW. & W.	WNW. & W. by S.	1·5	0·0	0·1	220	0·00	..
WEDNESDAY	29	Last Qr.	29·924	71·9	48·9	23·0	59·9	52·1	144·7	42·0	59·4	56·5	7·8	18·9	3·8	+ 3·9	75	WSW.	WSW.& W.	1·4	0·0	0·2	231	0·00	..
THURSDAY	30	..	29·858	72·2	49·0	23·2	59·2	47·3	141·5	42·5	60·4	57·4	11·9	22·4	2·6	+ 2·9	65	WSW.& W.	W.& WSW.	1·3	0·0	0·1	248	0·01	..
FRIDAY	31	In Equator	29·808	64·9	46·5	18·4	54·2	45·8	115·7	40·3	60·4	57·4	8·4	16·0	1·3	— 1·8	73	WSW.	WSW. & W.	2·4	0·0	0·1	185	0·14	..
JUNE.																									
SATURDAY	1	..	29·950	65·0	42·3	22·7	53·9	43·0	122·0	34·6	60·6	57·5	10·9	19·4	2·2	— 3·1	67	NNW.&N	NW. & SW.	0·7	0·0	0·1	199	0·00	..
MEANS		..	29·996	69·3	48·4	20·8	57·7	49·2	123·6	41·7	58·8	56·2	8·5	17·5	2·2	+ 1·8	74	WSW, W, & NW.		..	..	..	Sum 1311	Sum 0·15	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
MAY.			
SUNDAY	26	No electricity shown.	Overcast throughout, except for a short period in the early evening. Hazy, foggy, and gloomy.
MONDAY	27		A very fine day. Light clouds generally prevalent. Hazy.
TUESDAY	28		Very fine. The clouds variable in amount throughout.
WEDNESDAY	29		Fine, with light clouds in morning. Very cloudy in the afternoon and evening.
THURSDAY	30	Weak positive at noon.	A little rain fell in early morning. Fine during the day, though occasionally cloudy.
FRIDAY	31	Positive, with weak tension in the morning.	Dense clouds in the morning and evening, and occasional heavy showers of rain fell. Fine otherwise.
JUNE.			
SATURDAY	1	Weak negative at noon.	Very fine, but hazy. Nearly overcast at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30·11 in. at the beginning of the week to 30·20 in. by 10h. P.M. on the 26th; decreased to 29·79 in. by 3h. P.M. on 31st May; increased to 29·96 in. by noon on the 1st of June; and was 29·93 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
10*th June* 1872.

United Kingdom.

During the week ending Saturday last, 5327 *births* and 3290 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 22 per 1000 persons living, in Glasgow 29 per 1000, and in Dublin 40; the deaths from small-pox in Dublin, which in the six preceding weeks had steadily declined from 60 to 23, rose again to 54 last week, including 21 which occurred in hospital during May.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000; Portsmouth 24, Norwich 21, Bristol 21, Wolverhampton 19, Birmingham 18, Leicester 35, Nottingham 18, Liverpool 27, Manchester 27, Salford 22, Oldham 25, Bradford 29, Leeds 23, Sheffield 27, Hull 18, Sunderland 23, and Newcastle-upon-Tyne 23. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 136, 128, and 100, rose again last week to 115; of these, 27 each occurred in London and Leicester, 23 in Portsmouth, 7 each in Birmingham, Leeds, and Sheffield, 5 in Norwich, and 4 in Bristol. The annual death-rate from this disease was equal to 14 per 1000 in Leicester, 10 in Portsmouth, 3 in Norwich, 2 in Wolverhampton, and one each in Sheffield, Leeds, Nottingham, Bristol, and Birmingham. The small-pox epidemic showed last week a considerable increase in both Portsmouth and Leicester; in the former town 148 fatal cases have been returned in the past ten weeks of the current quarter, against 43 in the first three months of the year; in the same ten weeks the number in Leicester has been 141, against 50 in the quarter ending March.

London.

In London 2202 births and 1289 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 51, while the deaths were 93 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 19 and 21 per 1000, declined again last week to 20. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 20 in the North, 26 in the Central, 21 in the East, and 19 in the South groups of Districts.

The 1289 deaths included 27 from small-pox, 39 from measles, 18 from scarlet fever, 4 from diphtheria, 63 from whooping-cough, 33 from different forms of fever (of which 8 were certified as typhus, 18 as enteric or typhoid, and 7 as simple continued fever), and 24 from diarrhœa; thus to the seven principal diseases of the zymotic class 208 deaths were referred, against 219 and 239 in the two preceding weeks. The fatal cases of fever and diarrhœa showed an increase upon those in recent weeks, while those of the other zymotic diseases had declined. Three deaths from scarlet fever were returned in Regent's Park sub-district, and 2 from enteric fever in Kensington Town; of the fatal cases of whooping-cough, 3 occurred in Belgrave sub-district. The deaths referred to diarrhœa, which had been 9 and 15 in the two previous weeks, further rose to 24, which, however, were 3 below the corrected average number in the corresponding week of the last ten years. Two fatal cases of infantile cholera were recorded during the week.

The fatal cases of small-pox, which in the two previous weeks had been 54 and 37, further declined to 27 last week, of which 9 were recorded in the special small-pox hospitals, against 23, 19, and 11 in the three preceding weeks. Out

of those institutions, three deaths were referred to this disease in Bow, and two each in St. John Marylebone and St. Paul Deptford sub-districts.

The mean temperature last week was only 52°·6, and 4°·6 below the average for the corresponding period in fifty years, as determined by Mr. Glaisher; on each day, but Wednesday, the temperature was considerably below the average. In the ten past weeks of the current quarter 4·9 inches of rain have been measured at Greenwich Observatory, which with the 6·5 inches that fell in the first three months of the year make a total of 11·4 inches, whereas the average fall in 57 years for the six months ending June is only 10·7 inches.

Five deaths of persons aged upwards of 90 years were registered, including that of a woman in Walbrook, formerly a cook, whose age was stated to be 104 years; the cause of her death was certified as "old age, diarrhœa."

To different forms of violence 46 deaths were referred; 39 were the result of negligence or accident, including 20 from fractures and contusions, 3 from burns and scalds, 5 from drowning, and 8 from suffocation, the latter were all of infants under one year of age. Five cases of suicide, and one of infanticide, were registered during the week.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 52 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 9th instant; of these, 47 occurred in the Metropolitan, and 5 in the City Police Districts.

In the large Public Institutions 237 deaths were recorded, or 18 per cent. of the total deaths; of these 110 occurred in Workhouses, and 114 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending May 7th were 448, including 85 cases of small-pox, against 80 and 112 in the two preceding weeks. In Calcutta 225 deaths were returned in the week ending 27th April. The official returns do not give either for Bombay or Calcutta the results of the recent enumeration of their populations, both of which appear to have been over-estimated.

Foreign Cities.

In Paris 723 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 85 deaths occurred in the week ending the 1st instant, and the annual death-rate was 24 per 1000. In Berlin during the week ending last Thursday, 544 deaths were recorded, showing an annual rate of 34 per 1000; 117 deaths were referred to infantile diarrhœa.

In the City of New York 645 deaths were registered in the week ending 18th May, and the equivalent annual rate of mortality was 36 per 1000; 51 deaths were referred to cerebro-spinal meningitis, against 42 and 50 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 in.; the lowest reading was 29·47 in. at the end of the week, and the highest 29·97 in. on Wednesday morning. The mean temperature of the *air* was 52°·6, or 4°·6 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day, except Wednesday, when it was 57°·3; the coldest day was Friday when the mean was only 50°·2 and the deficiency 6°·8. The highest day temperature in the shade was 72°·1 on Wednesday, and the lowest night temperature 40°·6 on Friday; the entire range in the week was, therefore, 31°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 136°·0 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 5°·3. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 59°·4, and 6°·8 higher than the mean temperature of the air. The mean degree of *humidity* of the air was 83, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 11 miles per hour. *Rain* was measured during the week to the amount of ·77 of an inch, and fell on each day except Wednesday.

The mean temperature in the other large English towns furnishing returns ranged from 48°·2 in Bristol, to 53°·4 in Nottingham; the lowest recorded night temperature was 33°·3 in Salford, and the highest day temperature in the shade 72°·0 in Nottingham. Rain was measured in each of these towns; the amounts varied from ·52 of an inch in Hull, to 1·50 in. in Birmingham.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 267,743 cubic metres, and at Barking 269,097 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-THIRD Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1793	1848	1923	1956	1959	1922	2016	1940	2064	2132	1955·3	2202
Males . .	915	971	985	1008	1006	965	1042	1002	1058	1080	1003·2	1118
Females .	878	877	938	948	953	957	974	938	1006	1052	952·1	1084
Total Deaths	1114	1214	1285	1289	1383	1103	1160	1305	1273	1437	1256·3	1289
Males . .	595	607	661	662	676	559	599	687	672	756	647·4	673
Females .	519	607	624	627	707	544	561	618	601	681	608·9	616

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11	May 18.	May 25.	June 1.	June 8.
Total Deaths - - -	1475	1463	1641	1559	1470	1410	1415	1387	1250	1268	1205	1336	1289
Deaths under 5 years of age -	648	636	667	698	630	620	572	565	499	523	495	527	536
Deaths 5—20 - - -	96	98	132	95	109	95	110	108	103	91	91	83	90
Deaths 20—40 - - -	209	210	239	171	195	191	198	215	186	200	188	198	200
Deaths 40—60 - - -	218	205	264	261	238	219	250	261	201	215	204	241	220
Deaths 60—80 - - -	248	258	275	285	244	241	233	199	206	199	190	234	201
Deaths at 80 years & upwards	56	56	64	49	54	44	52	40	55	40	37	53	42
Deaths from Smallpox - -	42	48	55	65	49	48	41	62	39	54	54	37	27
" " Measles - -	40	66	63	68	66	77	58	64	35	47	41	59	39
" " Scarlet Fever -	19	19	22	23	26	11	17	11	10	16	20	18	18
" " Diphtheria -	3	6	4	3	6	7	7	6	9	5	5	10	4
" " Whooping-cough	111	102	118	118	100	72	85	81	83	73	74	72	63
" " Typhus fever -	7	7	3	3	2	3	3	5	4	2	1	3	8
" " Enteric (or Typhoid) fever -	16	19	16	19	12	16	17	10	15	11	8	13	18
" " Simple Cont^{d} fever	6	5	7	2	4	3	6	5	8	12	7	12	7
" " Diarrhœa - -	16	15	9	7	10	13	15	9	10	14	9	15	24
" " Simple Cholera -	—	—	—	—	—	—	—	1	—	—	—	—	2
" " Phthisis - -	187	177	218	152	190	175	178	193	165	174	150	186	172
" " Bronchitis - -	197	203	225	216	149	151	149	146	121	114	114	130	116
" " Pneumonia -	82	87	110	83	91	78	91	62	58	63	59	72	76
" " Heart Disease -	73	64	79	73	66	67	80	64	58	54	78	61	68
Mean Temperature of the Air	44°6	38°9	43°5	44°7	51°4	46°2	50°1	52°6	47°2	47°5	49°8	57°7	52°6
Mean Temperature of the Water of the Thames -	47·9	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4
Humidity of the Air - -	80	85	88	84	73	71	77	72	80	86	72	74	83
Rain-fall in inches - -	0·02	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Table 3.—Births and Deaths registered and Meteorology during the Week ending Saturday, the 8th day of June 1872, in the following large Towns.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* London.)	Area in Acres.	Population estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	Births registered during the Week ending 8th June 1872.	Deaths registered during the Week ending 8th June 1872.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fa In Inches.	C m
Total of 21 Towns in the United Kingdom	217,531	7,393,052	34·0	5327	3290	72·1	33·3	51·0	10·56	1·05	2
London	78,080	3,311,298	42·4	2202	1289	72·1	40·6	52·6	11·44	0·77	1
Portsmouth	9,513	115,455	12·1	63	52	64·8	38·4	52·5	11·39	1·05	2
Norwich	7,472	81,105	10·9	58	32	71·2	40·0	52·4	11·33	0·94	2
Bristol	4,688	186,423	39·8	124	74	57·5	41·9	48·2	9·00	—	
Wolverhampton	3,387	69,268	20·5	65	25	63·4	36·7	49·3	9·61	1·27	3
Birmingham	7,831	350,164	44·7	271	123	63·3	38·2	50·1	10·06	1·50	3
Leicester	3,200	99,143	31·0	72	66	70·7	36·7	51·5	10·83	1·15	2
Nottingham	1,996	88,225	44·2	55	30	72·0	37·2	53·4	11·89	1·10	2
Liverpool	5,108	499,897	97·9	371	260	60·1	38·1	49·8	9·89	0·85	2
Manchester	4,486	352,759	78·6	294	179	—	—	—	—	—	
Salford	5,172	127,923	24·7	102	54	63·3	33·3	49·1	9·50	1·05	2
Oldham	4,167	84,004	20·2	53	40	—	—	—	—	—	
Bradford	6,590	151,720	23·0	130	85	65·2	41·4	51·9	11·06	1·04	2
Leeds	21,572	266,564	12·4	247	116	64·0	39·0	50·8	10·44	1·43	3
Sheffield	22,830	247,847	10·9	174	129	64·5	37·5	49·3	9·61	1·09	2
Hull	3,562	124,976	35·1	86	43	70·0	40·0	52·5	11·39	0·52	1
Sunderland	3,306	100,665	30·4	102	45	—	—	—	—	—	
Newcastle-on-Tyne	5,336	130,764	24·5	114	58	61·0	42·0	49·9	9·94	0·75	1
Edinburgh	4,427	205,146	46·3	149	85	64·0	—	—	—	1·00	2
Glasgow	5,063	489,136	94·8	403	269	62·1	41·0	51·3	10·72	1·70	4
Dublin	9,745	310,565	31·9	192	236	63·4	36·0	51·7	10·94	0·64	1

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Prelim Census Report. The population of Dublin is taken as stationary at the number enumerated in April 1871.

Table 4.—Deaths and Rate of Mortality in 18 large English Towns, and in Dublin, during the W ending Saturday the 8th day of June 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* London.)	Annual Rate of Mortality per 1000 living.	Deaths from all Causes.	The Deaths registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 Towns	22	2700	620	509	115	77	38	8	121	64	51	102	172
London	20	1289	288	243	27	39	18	4	63	33	24	46	87
Portsmouth	24	52	9	2	23	1	–	–	–	2	–	1	2
Norwich	21	32	10	9	5	–	–	–	–	1	–	1	2
Bristol	21	74	24	14	4	3	–	–	4	2	3	5	9
Wolverhampton	19	25	6	7	2	–	1	–	1	1	–	–	1
Birmingham	18	123	28	24	7	–	2	–	3	–	5	10	15
Leicester	35	66	19	12	27	–	–	–	1	1	1	1	4
Nottingham	18	30	4	7	2	–	–	–	–	–	–	1	1
Liverpool	27	260	69	50	–	24	8	3	17	7	5	11	15
Manchester	27	179	33	40	2	–	4	–	13	4	3	3	8
Salford	22	54	9	11	–	1	2	–	5	–	–	1	3
Oldham	25	40	9	12	–	–	–	–	–	–	–	–	2
Bradford	29	85	25	9	–	5	1	–	–	2	4	6	6
Leeds	23	116	28	19	7	1	–	–	4	2	3	1	2
Sheffield	27	129	27	21	7	3	1	–	4	4	–	5	4
Hull	18	43	8	11	1	–	–	–	1	1	2	2	2
Sunderland	23	45	11	6	–	–	1	1	3	4	1	3	3
Newcastle-on-Tyne	23	58	13	12	1	–	–	–	2	–	–	5	6
Dublin	40	236	31	40	54	5	5	–	–	14	4	6	6

Table 5. Deaths in London Registered in the Twenty-third Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-third Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 8, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 58·2	° 52·6						
ALL CAUSES – –	1256·3	1289	536	90	200	220	201	42
SPECIFIED CAUSES	1245·7	1284	532	90	199	220	201	42
I. ZYMOTIC DISEASES.								
Order 1.								
1. Small-pox – – –	41·5	27	10	5	6	6	–	–
2. Measles – – –	41·6	39	36	3	–	–	–	–
3. Scarlet Fever (Scarlatina)	48·0	18	14	4	–	–	–	–
4. Diphtheria – –	8·3	4	2	1	–	1	–	–
5. Quinsy – – –	·5	–	–	–	–	–	–	–
6. Croup – – –	12·5	8	8	–	–	–	–	–
7. Whooping-cough –	49·1	65	61	2	–	–	–	–
8. Typhus – – –		8	2	2	2	–	2	–
– Enteric or Typhoid Fever	43·4	18	4	6	4	2	2	–
– Simple continued Fever –		7	2	1	1	–	3	–
9. Erysipelas – –	6·9	7	3	–	–	1	3	–
10. Puerperal Fever (Metria)	3·6	4	–	–	4	–	–	–
1. Carbuncle – – –	·3	–	–	–	–	–	–	–
2. Influenza – – –	·1	–	–	–	–	–	–	–
3. Dysentery – –	2·4	1	–	–	–	–	1	–
4. Diarrhœa – –	24·6	24	17	1	1	1	2	2
5. Simple Cholera –	1·1	2	2	–	–	–	–	–
6. Ague – – –	·4	–	–	–	–	–	–	–
7. Remittent Fever –	1·3	–	–	–	–	–	–	–
8. Rheumatism – –	6·6	7	–	2	3	2	–	–
9. Other *Zymotic* Diseases –	·1	–	–	–	–	–	–	–
Order 2.								
1. Syphilis – – –	8·5	3	2	–	–	1	–	–
2. Stricture of Urethra –	1·0	2	–	–	–	1	1	–
3. Hydrophobia – –	·1	–	–	–	–	–	–	–
4. Glanders – – –	–	–	–	–	–	–	–	–
Order 3.								
1. Privation – – –	·3	–	–	–	–	–	–	–
2. Want of Breast-milk –	6·7	8	8	–	–	–	–	–
3. Purpura and Scurvy –	2·1	2	2	–	–	–	–	–
4. Alco- { *a* Del. Tremens holism { *b* Intemperance –	1·9	2	–	–	2	–	–	–
	1·6	1	–	–	1	–	–	–
Order 4.								
1. Thrush – – –	3·9	1	1	–	–	–	–	–
2. Worms, &c. – – –	·3	–	–	–	–	–	–	–
II. CONSTITUTIONAL DIS.								
Order 1.								
1. Gout – – – –	1·5	2	–	–	–	–	1	1
2. Dropsy – – – –	11·5	9	2	–	–	4	3	–
3. Cancer – – – –	28·1	37	–	–	5	20	11	1
4. Cancrum Oris (Noma) –	·2	–	–	–	–	–	–	–
5. Mortification – – –	3·7	2	–	–	–	1	1	–
Order 2.								
1. Scrofula – – –	10·4	10	6	2	1	–	1	–
2. Tabes Mesenterica –	19·7	20	19	1	–	–	–	–
3. Phthisis – – –	169·5	172	6	18	89	49	10	–
4. Hydrocephalus – –	32·4	26	24	2	–	–	–	–
III. LOCAL DISEASES.								
Order 1.								
1. Cephalitis – – –	14·3	16	8	5	2	1	–	–
2. Apoplexy – – –	33·0	28	1	1	4	11	10	1
3. Paralysis – – –	27·4	27	–	–	2	5	19	1
4. Insanity – – –	1·9	5	–	1	–	1	3	–
5. Chorea – – –	·2	1	–	1	–	–	–	–
6. Epilepsy – – –	5·4	6	–	1	2	3	–	–
7. Convulsions – –	44·4	41	40	1	–	–	–	–
8. *Brain Disease, &c.* – –	17·6	19	6	1	2	6	4	–
Order 2.								
1. Pericarditis – –	1·8	3	–	1	2	–	–	–
2. Aneurism – – –	2·3	4	–	–	2	1	1	–
3. *Heart Disease, &c.* – –	53·6	68	–	6	14	22	25	1
Order 3.								
1. Laryngitis – – –	6·0	8	5	–	–	2	1	–
2. Bronchitis – – –	81·0	116	47	1	6	17	36	9
3. Pleurisy – – –	3·1	5	–	–	2	3	–	–
4. Pneumonia – – –	57·3	76	39	4	10	15	7	1
5. Asthma – – –	6·0	6	–	–	2	–	4	–
6. *Lung Disease, &c.* – –	12·2	7	4	–	1	2	–	–
Order 4.								
1. Gastritis – – –	1·7	1	–	–	–	1	–	–
2. Enteritis – – –	5·8	4	2	2	–	–	–	–
3. Peritonitis – –	5·6	7	1	2	1	1	2	–
4. Ascites – – –	2·7	3	–	–	–	2	1	–
5. Ulceration of Intestines –	2·6	4	2	–	1	–	1	–
6. Hernia – – – –	2·0	1	–	–	–	1	–	–
7. Ileus – – – –	2·8	1	1	–	–	–	–	–
8. Intussusception – –	·9	3	1	–	–	1	1	–

CAUSES OF DEATH.	Average in the Twenty-third Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 8, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 58·2	° 52·6						
9. Stricture of Intestines –	·5	1	–	–	–	1	–	–
10. Fistula – – –	·4	1	–	–	1	–	–	–
11. *Stomach Disease, &c.* –	6·1	6	2	–	2	1	–	1
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	4·5	4	–	–	1	3	–	–
14. Jaundice – – –	3·9	5	1	–	1	–	3	–
15. *Liver Disease, &c.* – –	17·2	21	–	–	5	9	7	–
16. *Spleen Disease, &c.* –	·3	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – –	1·3	–	–	–	–	–	–	–
2. Ischuria – – –	—	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	7·8	13	–	1	4	7	1	–
4. Diabetes – – –	1·7	3	–	–	–	2	1	–
5. Calculus (Stone) – –	1·0	1	–	1	–	–	–	–
6. Cystitis – – –	1·2	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* –	6·2	3	–	–	1	–	2	–
Order 6.								
1. Ovarian Dropsy – –	·7	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	4·7	4	–	–	1	1	2	–
Order 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	5·4	7	3	2	1	1	–	–
Order 8.								
1. Phlegmon – – –	2·6	2	1	–	–	–	1	–
2. Ulcer – – –	1·5	2	1	–	–	–	1	–
3. *Skin Disease, &c.* – –	·8	3	2	–	–	–	1	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	29·0	33	33	–	–	–	–	–
2. Cyanosis – – – –	1·7	3	3	–	–	–	–	–
3. Spina Bifida – – –	·7	1	1	–	–	–	–	–
4. Other Malformations –	1·3	1	1	–	–	–	–	–
5. Teething – – –	14·4	14	14	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	4·5	3	–	–	2	1	–	–
Order 3.								
1. Old Age – – – –	43·9	44	–	–	–	–	22	22
Order 4.								
1. Atrophy and Debility –	53·8	69	67	–	–	–	2	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	17·3	20	3	5	4	5	1	2
2. Wounds { Gunshot –	·6	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		1	–	–	–	1	–	–
3. Burns and Scalds – –	3·8	3	3	–	–	–	–	–
4. Poison – – –	1·2	–	–	–	–	–	–	–
5. Drowning – – –	9·1	5	–	3	1	1	–	–
6. Suffocation – –	5·9	8	8	–	–	–	–	–
7. Otherwise – – –	1·5	2	–	1	1	–	–	–
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·1	1	1	–	–	–	–	–
Order 4.								
(Suicide.)								
1. Wounds { Gunshot –	·6	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·7	2	–	–	1	–	1	–
2. Poison – – –	1·0	1	–	–	1	–	–	–
3 Drowning – – –	1·9	1	–	–	–	1	–	–
4. Hanging – – –	1·7	–	–	–	–	1	–	–
5. Otherwise – – –	·8	1	–	–	–	1	–	–
Order 5.								
(Execution.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	1	–	–	–	1	–	–
Sudden Deaths (Cause unascertained) – – –	2·7	–	–	–	–	–	–	–
Causes not specified or illdefined – – – –	7·9	5	4	–	1	–	–	–

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2202	1289	288	243	27	39	18	4	63	8	18	7	24	46	87	23
WEST DISTRICTS	561,189	312	214	50	44	1	5	–	–	8	–	4	3	4	8	17	48
NORTH DISTRICTS	751,668	511	287	56	60	7	9	6	–	12	6	2	–	6	11	19	49
CENTRAL DISTRICTS	333,887	202	169	39	27	1	6	3	1	16	1	3	1	2	12	18	29
EAST DISTRICTS	638,928	478	267	62	58	6	5	1	2	14	–	5	2	3	4	17	58
SOUTH DISTRICTS	966,132	699	352	81	54	12	14	8	1	13	1	4	1	9	11	16	53
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	37	23	10	4	–	–	–	–	–	–	–	–	2	–	1	2
St. John Paddington H	38082	10	12	–	1	–	1	–	–	–	–	–	–	1	3	3	5
Kensington Town *WL*	91583	55	41	7	13	–	2	–	–	1	–	2	1	1	2	3	11
Brompton H	28651	16	10	–	2	–	–	–	–	–	–	–	–	–	–	–	4
St. Peter Hammersmith	6662	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	19	9	3	2	–	–	–	–	1	–	–	–	1	2	1	1
Fulham *WLLLL*	23378	17	8	4	2	–	–	–	–	–	–	–	–	–	–	–	2
Chelsea South HH	26419	23	9	1	4	–	–	–	–	–	–	–	1	–	–	–	4
Chelsea North-west H*Ww*	23278	22	15	4	3	–	–	–	–	1	–	–	–	–	–	–	4
Chelsea North-east L	21389	13	11	2	2	–	–	–	–	1	–	1	–	–	1	2	–
Hanover Square	18700	4	6	1	–	–	–	–	–	1	–	–	–	–	–	–	–
May Fair *W*	13020	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	18	23	3	6	–	1	–	–	3	–	1	–	–	–	1	6
St. John Westminster HHH	38470	25	17	8	2	1	–	–	–	–	–	–	–	–	–	2	1
St. Margaret Westminster *WW*HH	27640	14	15	4	1	–	–	–	–	–	–	–	–	–	1	3	7
St. James's Square	10453	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	4	7	2	1	–	1	–	–	–	–	–	–	–	–	–	1
Berwick-street	10279	8	2	1	1	–	–	–	–	–	–	–	1	–	–	–	–
St. Anne Soho HH	17555	12	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	19	10	1	1	–	1	–	–	–	–	1	–	1	–	–	5
Cavendish Square	15419	3	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	18	13	1	6	–	1	–	–	–	–	–	–	–	–	–	10
St. Mary Marylebone H	21795	22	7	–	5	–	–	–	–	1	–	–	–	–	–	–	–
Christchurch Marylebone	33892	21	13	7	2	–	1	–	–	–	–	–	–	1	3	5	–
St. John Marylebone	33110	15	11	2	2	2	–	–	–	–	–	–	–	–	–	1	–
Hampstead *W*HH	32271	16	9	2	2	–	–	–	–	–	–	–	–	–	–	–	2
Regent's Park Pancras	38192	25	17	2	4	–	–	3	–	–	–	–	–	–	–	1	–
Tottenham-court *w*H	29360	10	18	1	5	–	1	–	–	–	2	–	–	–	3	3	7
Gray's Inn Lane H	29216	27	13	3	4	–	–	1	–	1	–	–	–	–	2	2	3
Somers Town	38562	24	28	7	4	–	2	1	–	2	1	–	–	–	1	2	–
Camden Town *W*	18066	21	14	2	6	–	–	–	–	1	–	–	–	–	–	–	6
Kentish Town *W*	68198	45	21	5	6	1	1	–	–	2	–	–	–	–	1	1	2
Islington West HHH	97801	66	27	6	3	–	–	–	–	2	–	1	–	1	–	1	1
Islington East *Ww*H	115948	85	33	5	3	–	–	1	–	1	1	–	–	2	–	–	4
Stoke Newington L	9810	6	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	3	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	26	8	2	–	1	–	–	–	–	–	–	–	–	1	2	–
Hackney *Ww*HHL	50087	35	24	5	5	3	2	–	–	–	2	–	–	–	–	–	9
South Hackney L	30305	24	10	4	–	–	–	–	–	2	–	–	–	1	–	1	–
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	6	7	1	1	–	1	–	–	–	–	–	–	1	–	–	–
St. Giles South *WH*	19089	13	15	3	4	–	–	–	–	1	–	–	–	–	1	3	3
St. Giles North	16497	6	6	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	7	3	–	–	–	–	–	–	1	–	1	–	–	–	–	–
Charing Cross H	9831	3	9	1	1	–	–	–	–	1	–	–	–	–	–	3	2
St. Mary-le-Strand	9376	2	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	6	10	1	1	–	–	1	–	1	–	–	–	–	1	1	5
St. George-the-Martyr HHH	20521	9	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Andrew East Holborn *W*	13528	13	8	–	1	–	–	–	1	–	–	–	–	–	–	–	5
Saffron Hill	9051	7	3	2	–	–	1	–	–	1	–	–	–	–	1	1	–
St. James Clerkenwell *W*	18912	20	13	5	1	–	–	1	–	1	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	9	8	2	1	–	2	1	–	1	–	–	–	–	1	1	–
Pentonville	13293	9	5	1	2	–	–	–	–	–	–	–	–	–	–	1	–
Goswell-street	16220	13	8	4	2	–	–	–	–	–	–	–	–	–	2	1	–
Old-street H	12156	6	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–
City-road *W*HHL	18291	30	11	3	4	–	2	–	–	1	1	–	1	–	–	–	1
Whitecross-street	13790	6	6	3	1	–	–	–	–	2	–	–	–	–	–	–	–
Finsbury	10732	2	5	2	–	–	–	–	–	1	–	–	–	–	–	–	–
St. Botolph East London HH	14484	7	8	4	1	–	–	–	–	–	–	1	–	–	–	–	–
Cripplegate	13639	8	3	–	–	–	–	–	–	1	–	–	–	–	–	–	–
St. Sepulchre H	7562	3	13	–	1	–	–	–	–	–	–	–	–	1	–	3	4	13
St. Bride *W*	11184	5	6	–	2	–	–	–	–	–	–	–	–	–	–	1	1	–
Castle Baynard	4389	1	2	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–
Christchurch	6308	2	1	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–
Queenhithe	4744	5	5	1	1	–	–	–	–	1	–	–	–	1	–	–	–
Allhallows Barking	5694	2	3	1	–	1	–	–	–	–	–	–	–	–	1	1	–
Broad Street	7838	2	3	–	–	–	–	–	–	2	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 8th June 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Leonard Shoreditch HL†	16545	13	5	2	2	–	–	–	–	1	–	–	–	–	–	–	–
Hoxton New Town *w*	27832	21	11	3	1	–	–	–	–	2	–	–	–	–	–	–	2
Hoxton Old Town	26944	16	7	1	2	–	–	–	1	–	–	–	–	–	–	–	1
Haggerstone West *W*	24153	17	19	2	10	1	–	–	–	1	–	1	1	–	–	–	12
Haggerstone East	19257	11	11	1	4	–	–	–	–	1	–	1	–	–	–	–	–
Hackney-road	29808	26	14	4	2	–	–	–	–	1	–	–	–	–	–	–	–
Green, Bethnal Green *WHL*†	42443	46	18	5	2	1	–	–	–	1	–	–	–	–	–	–	2
Church, Bethnal Green	26574	15	5	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Town, Bethnal Green	21375	15	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Artillery Whitechapel	6651	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Spitalfields	15844	8	4	1	–	–	1	–	–	2	–	–	–	–	–	–	–
Mile End New Town *W*	15550	11	16	3	5	–	–	–	–	–	–	1	–	–	–	–	–
Whitechapel North	11434	6	3	–	1	–	–	–	–	–	–	–	1	–	3	–	7
Whitechapel Church H	7323	8	13	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Goodman's Fields	10381	9	4	2	–	–	1	–	–	–	–	–	–	–	4	–	11
Aldgate	9149	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary St. George East	17906	11	7	3	1	–	–	–	–	–	–	1	–	–	–	–	–
St. Paul St. George East	21356	25	6	1	2	–	–	–	–	1	–	–	1	–	–	–	–
St. John St. George East *W*	8973	3	10	2	–	–	–	–	–	–	–	–	–	–	1	–	8
Shadwell	11623	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ratcliff H	15930	4	8	1	1	1	–	–	–	–	–	–	–	–	–	–	–
Limehouse *W*	30025	19	14	2	2	–	1	–	–	–	–	1	–	2	–	1	–
Mile End Old Town West	38126	32	16	1	5	–	1	1	–	–	–	–	–	–	1	–	–
Mile End Old Town East *WwH*	55020	48	17	5	5	–	–	–	–	1	–	–	–	–	–	2	–
Bow *WwwHL*†	67777	48	35	10	8	3	–	–	1	1	–	–	–	–	2	5	13
Poplar *WW*	48500	40	17	7	1	–	1	–	–	2	–	1	–	–	–	–	1
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	8	7	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Saviour Southwark H	15667	8	2	–	1	–	–	–	–	1	–	–	–	–	–	–	–
Kent-road	20490	8	10	3	2	1	–	–	–	–	–	–	–	–	1	–	–
Borough-road *WH*	16694	12	4	1	–	–	–	–	–	–	–	–	–	–	–	–	1
London-road L	18959	11	7	3	2	–	–	–	–	–	–	–	–	–	–	–	1
Trinity Newington	23673	21	2	1	–	–	–	–	–	–	–	–	–	–	–	–	1
St. Peter Walworth *W*	48232	40	10	5	1	–	–	–	–	1	–	–	–	1	–	–	–
St. Mary Newington	16786	19	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Olave Southwark H	4157	–	9	1	2	–	–	–	–	–	–	–	–	–	1	1	8
St. John Horsleydown *W*	10595	10	8	3	–	–	–	1	–	1	–	–	–	–	–	–	1
Leather Market	16785	14	5	–	1	–	–	1	–	–	–	–	–	–	–	–	–
St. Mary Magdalen *W*	15707	12	7	1	2	–	–	–	–	–	–	–	–	–	–	–	–
St. James Bermondsey	47921	50	18	5	–	–	–	1	–	1	–	–	–	–	2	2	1
Rotherhithe *W*	25873	15	8	1	1	–	–	1	–	1	–	–	–	–	–	–	–
Waterloo-road 1st H	14086	10	5	3	–	–	–	–	–	–	–	–	–	–	–	–	1
Waterloo-road 2nd H	18453	21	9	1	5	–	–	–	–	–	–	–	–	1	–	–	–
Lambeth Church 1st H	19470	10	13	–	2	–	–	–	–	–	–	–	–	–	3	3	9
Lambeth Church 2nd *W*	35831	32	20	5	2	–	1	–	–	–	–	–	–	–	1	–	9
Kennington 1st *W*	41284	34	11	3	1	–	2	–	–	1	–	–	–	–	–	–	–
Kennington 2nd	31213	19	9	1	1	–	2	1	–	–	–	–	–	–	–	–	–
Brixton HL	35431	27	20	1	4	6	–	–	–	1	–	1	–	–	–	–	–
Norwood *W*	12584	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	6
Clapham HL	27348	19	9	5	3	1	1	–	–	1	–	–	1	–	–	–	–
Battersea *W*	53988	43	18	2	2	–	–	–	1	1	–	–	–	3	3	2	
Wandsworth HL	19797	12	7	2	–	–	–	–	–	–	–	1	–	–	1	1	3
Putney	9438	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Streatham	14479	8	7	1	1	–	–	–	–	–	–	1	–	–	–	–	–
Dulwich	4041	–	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–
Camberwell *WL*†*L*†	31251	19	15	4	2	–	1	–	–	1	–	–	–	2	–	–	4
Peckham *W*	42159	39	14	4	2	–	–	–	–	–	1	–	–	–	–	–	–
St. George Camberwell	33851	32	13	2	2	–	–	1	–	–	–	1	–	1	–	–	–
St. Paul Deptford	53696	38	21	9	4	2	2	–	–	1	–	–	–	–	1	3	–
St. Nicholas Deptford	6487	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Greenwich West	21098	15	6	1	2	–	–	–	–	1	–	–	–	1	1	1	–
Greenwich East *WH*	19320	10	8	1	3	–	–	–	–	–	–	–	–	1	1	–	4
Eltham	4528	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lee	16430	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lewisham Village *W*	11508	10	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Sydenham	19016	13	5	1	–	–	–	2	–	–	–	–	–	–	–	–	1
Charlton H	9503	6	3	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Woolwich Dockyard	17229	7	11	1	–	–	1	–	–	–	–	–	–	–	–	–	2
Woolwich Arsenal H	18319	13	3	1	1	–	–	–	–	–	–	1	–	1	–	–	–
Plumstead, West	13028	13	5	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Plumstead, East *W*	15290	4	9	2	1	1	2	–	–	–	–	–	–	–	–	1	–

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th JUNE, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	2	..	29·645	61·6	46·9	14·7	50·7	49·1	85·6	28·5	61·2	56·3	1·6	7·8	0·0	— 6·6	94	SSW.	SSW & W.	3·4	0·0	0·6	278	0·26	..
MONDAY . .	3	..	29·676	68·1	48·2	19·9	54·2	46·3	126·4	43·0	61·0	56·2	7·9	17·5	1·1	— 3·2	75	W. & NW.	NW. & WSW.	2·9	0·0	0·1	216	0·14	..
TUESDAY .	4	..	29·853	64·5	43·3	21·2	51·5	43·5	122·1	36·4	61·0	58·0	8·0	16·9	1·1	— 5·8	74	WSW. & NW.	N & NNE.	1·3	0·0	0·1	185	0·04	..
WEDNESDAY	5	..	29·918	72·1	41·9	30·2	57·3	49·3	136·0	35·4	60·4	58·3	8·0	20·7	0·9	+ 0·1	75	WSW.	WSW. & SW.	1·4	0·0	0·1	211	0·00	..
THURSDAY.	6	New	29·690	64·0	46·2	17·8	53·1	50·4	112·0	40·0	61·0	58·8	2·7	8·6	2·1	— 3·9	91	SW. & SSW.	SSW. & WSW.	4·7	0·0	0·3	246	0·08	..
FRIDAY . .	7	Greatest Dec. N.	29·527	60·0	40·6	19·4	50·2	44·2	124·7	33·6	61·1	58·7	6·0	10·8	1·4	— 6·8	80	W. & WSW.	SW.	5·9	0·0	0·6	349	0·18	..
SATURDAY.	8	..	29·529	59·3	45·4	13·9	51·3	48·1	93·7	41·6	60·6	58·5	3·2	8·2	0·9	— 6·0	89	SW.	SSW.	8·4	0·0	1·2	433	0·07	..
MEANS . .		..	29·691	64·2	44·6	19·6	52·6	47·3	114·4	36·9	60·9	57·8	5·3	12·9	1·1	— 4·6	83			..	..	..	Sum 1918	Sum 0·77	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JUNE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	2	Weak positive in the morning.	A very dull cloudy day. Rain fell frequently.
MONDAY .	3	Positive, with strong tension at night.	Fine, but hazy in the early portion of the day. Cloudy, with showers of rain in afternoon and evening.
TUESDAY .	4	No electricity shown.	Generally cloudy till the evening; then nearly cloudless. Rain fell in early morning.
WEDNESDAY	5		Very fine and at times cloudless till night; then overcast.
THURSDAY .	6	Occasional weak positive.	Nearly overcast throughout. Frequent rain.
FRIDAY .	7		The clouds very variable, at times extremely dense. Heavy showers of rain fell occasionally. Brisk wind. A thunder-storm at Birmingham, Wolverhampton, and Bradford.
SATURDAY .	8	No electricity shown.	The sky was nearly covered throughout the day, and rain fell frequently. Strong gusty wind prevalent.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·93 in. at the beginning of the week to 29·61 in. by 10h. P.M. on the 2d; increased to 29·97 in. by 9h. A.M. on the 5th; decreased to 29·49 in. by 3h. P.M. on the 7th; increased to 29·58 in. by 9h. A.M. on the 8th; and was 29·47 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
17th June 1872.

United Kingdom.

During the week ending Saturday last, 5362 *births* and 3142 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 26 per 1000 persons living, in Glasgow 28 per 1000, and in Dublin 24; the deaths from small-pox in Dublin, which in the two previous weeks had been 23 and 54, were 25 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 28, Norwich 22, Bristol 24, Wolverhampton 26, Birmingham 22, Leicester 33, Nottingham 21, Liverpool 27, Manchester 26, Salford 21, Oldham 24, Bradford 26, Leeds 24, Sheffield 21, Hull 18, Sunderland 19, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 100 and 115, further rose last week to 129; of these, 37 occurred in London, 29 in Portsmouth, 18 in Leicester, 10 in Bristol, 8 in Birmingham, 7 in Sheffield, and 4 each in Leeds and Hull. The annual death-rate from this disease was equal to 13 per 1000 in Portsmouth, 9 in Leicester, 3 in Bristol, 2 each in Norwich and Hull, and one each in Sheffield, Birmingham, Nottingham, Oldham, Leeds, and Newcastle. The fatality from this disease showed a further increase last week in Portsmouth.

London.

In London 2189 births and 1207 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 30, while the deaths were 151, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been 21 and 20 per 1000, further declined last week to 19. The rate, after distribution of the deaths in institutions in proportion to population, was 16 per 1000 in the West, 19 in the North, 21 in the Central, 21 in the East, and 19 in the South groups of Districts.

English death-rates are generally low during June, but London is just now unusually healthy, even for the time of year; the metropolitan death-rate, moreover, is at this season always somewhat over-stated in consequence of the thousands of visitors who are not included in the population upon which the death-rates are calculated.

The 1207 deaths included 37 from small-pox, 33 from measles, 12 from scarlet fever, 3 from diphtheria, 41 from whooping-cough, 22 from different forms of fever (of which one was certified as typhus, 12 as enteric or typhoid, and 9 as simple continued fever), and 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 164 deaths were referred, against 239 and 208 in the two preceding weeks. Excepting a slight increase in the deaths from small-pox, the fatality from zymotic diseases, especially from whooping-cough, showed a general decline last week. Three deaths from measles were returned in Battersea. The fatal cases of diarrhœa, which had been 24 in the previous week, declined to 16 last week, and were 21 below the corrected average number in the corresponding week of the last ten years.

The fatal cases of small-pox, which in the three previous weeks had been 54, 37, and 27, rose again last week to 37, including 12 which were stated to be unvaccinated; 11 were recorded in the special small-pox hospitals, against 11 and 9 in the two preceding weeks. Out of those institutions, 4 deaths were referred to this disease in Southwark, and 3 in Kensington Town sub-district.

During the 13 days ending on Wednesday last, the mean temperature averaged but 53°·3, and was 4°·1 below the average for the corresponding period in 50

years, as determined by Mr. Glaisher; summer weather, however, set in on Thursday, and the mean on that and the two following days averaged 63°·1, showing an excess of 4°·1. On Saturday the thermometer rose to 81°·3 in the shade and to 146°·5 in the sun.

To different forms of violence 42 deaths were referred; 33 were the result of negligence or accident, including 13 from fractures and contusions, 3 from burns and scalds, 5 from drowning, and 8 (7 being of infants under one year of age) from suffocation. Five cases of suicide, 3 of manslaughter, and one of murder, were registered during the week.

No fatal case of street accident was registered last week; it appears, however, from returns furnished by the Commissioners of the Metropolitan and City Police, that 53 cases of injury and maiming from this class of accidents came under the notice of the Police within the London Registration area during the seven days ending 16th instant; of which, 47 occurred in the Metropolitan, and 6 in the City Police Districts.

During the week 78 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 78 and 87 in the two preceding weeks; these showed a proportion to the total deaths of 6 per cent.

In the large Public Institutions 243 deaths were recorded, or 20 per cent. of the total deaths; of these 126 occurred in Workhouses and 112 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 14th May were 387, including 69 fatal cases of small-pox, against 112 and 85 in the two previous weeks. In Calcutta 184 deaths were returned in the week ending 4th May. The official returns do not give either for Bombay or Calcutta the results of the recent enumeration of their populations, both of which appear to have been over-estimated.

Foreign Cities.

In Paris 678 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 19 per 1000 of the estimated population. In Brussels 75 deaths occurred in the week ending the 8th instant, and the annual death-rate was 21 per 1000. In Berlin during the week ending last Thursday, 579 deaths were recorded, showing an annual rate of 36 per 1000; no less than 176 deaths were referred to infantile diarrhœa, against 117 in the previous week. In Rome 165 deaths were registered in the week ending the 2d instant, and the annual death-rate was 35 per 1000.

In the City of New York 646 deaths were registered in the week ending 25th May, and the equivalent annual rate of mortality was 36 per 1000; 42 deaths were referred to cerebro-spinal meningitis, against 50 and 51 in the two preceding weeks. Small-pox caused no less than 54 deaths, an increase of 18 upon those in the previous week.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·64 in.; the highest reading was 30·06 in. at the end of the week, and the lowest 29·28 in. on Sunday evening. The mean temperature of the *air* was 57°·9, or 0°·6 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first four, while it showed a considerable excess on the last three days of the week; on Monday the mean was 53°·8, and 4°·2 below the average, and on Saturday 65°·1 or 6°·1 above the average. The highest day temperature in the shade was 81°·3 on Saturday, and the lowest night temperature 47°·7 on both Tuesday and Wednesday; the entire range in the week was, therefore, 33°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 146°·5 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 6°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 58°·8. The mean degree of *humidity* of the air was 80, complete saturation being represented by 100; on Tuesday the degree of humidity was so great as 99, while on Friday it had fallen to 70. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on the first three days of the week, to the amount of ·33 of an inch, of which ·26 was measured on Tuesday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 53°·6 in Salford, to 56°·4 in Bradford; the lowest recorded night temperature was 40°·0 in Portsmouth, and the highest day temperature in the shade 82°·2 in Leicester. Rain was measured in each of these towns; the amounts varied from ·22 of an inch in Hull, to one inch in Newcastle.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 237,591 cubic metres, and at Barking 292,861 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-FOURTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1782	1995	1776	2013	1932	2162	2273	1784	1999	1908	1962·4	2189
Males . .	900	995	912	1028	1000	1121	1175	949	1074	959	1011·3	1103
Females .	882	1000	864	985	932	1041	1098	835	925	949	951·1	1086
Total Deaths	1119	1186	1296	1204	1370	1094	1195	1236	1292	1349	1234·1	1207
Males . .	586	626	713	669	760	596	645	648	680	733	665·6	617
Females .	533	560	583	535	610	498	550	588	612	616	568·5	590

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25	June 1.	June 8	June 15.
Total Deaths - - -	1463	1641	1559	1470	1410	1415	1387	1250	1268	1205	1336	1289	1207
Deaths under 5 years of age -	636	667	698	630	620	572	565	499	523	495	527	536	449
Deaths 5—20 - - -	98	132	95	109	95	110	108	103	91	91	83	90	97
Deaths 20—40 - - -	210	239	171	195	191	198	215	186	200	188	198	200	211
Deaths 40—60 - - -	205	264	261	238	219	250	260	201	215	204	241	220	217
Deaths 60—80 - - -	258	275	285	244	241	233	199	206	199	190	234	201	189
Deaths at 80 years & upwards	56	64	49	54	44	52	40	55	40	37	53	42	44
Deaths from Small-pox - -	48	55	65	49	48	41	62	39	54	54	37	27	37
„ „ Measles - -	66	63	68	66	77	58	64	35	47	41	59	39	33
„ „ Scarlet fever -	19	22	23	26	11	17	11	10	16	20	18	18	12
„ „ Diphtheria -	6	4	3	6	7	7	6	9	5	5	10	4	3
„ „ Whooping-cough	102	118	118	100	72	85	81	83	73	74	72	63	41
„ „ Typhus fever -	7	3	3	2	3	3	5	4	2	1	3	8	1
„ „ Enteric (or Typhoid) fever -	19	16	19	12	16	17	10	15	11	8	13	18	12
„ „ SimpleContdfever	5	7	2	4	3	6	5	8	12	7	12	7	9
„ „ Diarrhœa - -	15	9	7	10	13	15	9	10	14	9	15	24	16
„ „ Simple Cholera -	—	—	—	—	—	—	1	—	—	—	—	2	—
„ „ Phthisis - -	177	218	152	190	175	178	193	165	174	150	186	172	181
„ „ Bronchitis - -	203	225	216	149	151	149	146	121	114	114	130	116	100
„ „ Pneumonia -	87	110	83	91	78	91	62	58	63	59	72	76	53
„ „ Heart Disease -	64	79	73	66	67	80	64	58	54	78	61	68	64
Mean Temperature of the Air	38°9	43°5	44°7	51°4	46°2	50°1	52°6	47°2	47°5	49°8	57°7	52°6	57°9
Mean Temperature of the Water of the Thames -	47·4	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8
Humidity of the Air - -	85	88	84	73	71	77	72	80	86	72	74	83	80
Rain-fall in inches - -	1·00	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 15th day of June 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 15th June 1872.	DEATHS registered during the Week ending 15th June 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5362	3142	82·2	40·0	55·6	13·11	0·65	1·6
LONDON	78,080	3,311,298	42·4	2189	1207	81·3	47·7	57·9	14·39	0·33	0·8
PORTSMOUTH	9,513	115,455	12·1	81	63	77·6	40·0	55·5	13·05	0·81	2·0
NORWICH	7,472	81,105	10·9	62	34	77·8	44·0	56·3	13·50	0·73	1·8
BRISTOL	4,688	186,428	39·8	140	85	68·1	47·1	55·8	13·22	—	—
WOLVERHAMPTON	3,387	69,268	20·5	55	34	77·7	42·4	55·1	12·83	0·73	1·8
BIRMINGHAM	7,831	350,164	44·7	275	145	74·6	43·6	55·4	13·00	0·94	2·3
LEICESTER	3,200	99,143	31·0	79	62	82·2	41·7	55·5	13·05	0·52	1·3
NOTTINGHAM	1,996	88,225	44·2	63	35	79·8	41·7	55·4	13·00	0·50	1·2
LIVERPOOL	5,108	499,897	97·9	399	258	71·1	47·0	55·0	12·78	0·59	1·5
MANCHESTER	4,486	352,759	78·6	299	175	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	121	51	74·0	43·8	53·6	12·00	0·76	1·9
OLDHAM	4,167	84,004	20·2	73	39	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	125	76	74·2	45·6	56·4	13·55	0·69	1·7
LEEDS	21,572	266,564	12·4	215	124	75·0	45·0	54·7	12·61	0·54	1·3
SHEFFIELD	22,830	247,847	10·9	188	102	75·2	44·0	55·3	12·94	0·33	0·8
HULL	3,562	124,976	35·1	91	44	78·0	44·0	55·3	12·94	0·22	0·5
SUNDERLAND	3,306	100,665	30·4	82	37	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	100	64	68·0	45·0	53·7	12·06	1·00	2·5
EDINBURGH	4,427	205,146	46·3	159	103	71·0	45·0	56·4	13·55	0·60	1·5
GLASGOW	5,063	489,136	94·8	354	261	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	212	143	71·9	45·5	57·3	14·05	1·13	2·8

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 187 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevaile between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at th Census Office; this revision added 2,456 (principally shipping population) to the unrevised number published in the Preliminar Census Report. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 15th day of June 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	22	2635	665	492	129	71	32	7	83	56	34	83	144	44
LONDON	19	1207	269	233	37	33	12	3	41	22	16	42	78	243
PORTSMOUTH	28	63	6	6	29	1	–	2	1	1	–	1	1	10
NORWICH	22	34	10	13	3	–	–	–	1	–	1	–	–	5
BRISTOL	24	85	15	19	10	3	–	–	1	–	1	1	5	13
WOLVERHAMPTON	26	34	8	5	1	–	–	–	1	–	–	3	5	7
BIRMINGHAM	22	145	37	24	8	–	7	–	7	2	–	9	11	26
LEICESTER	33	62	24	10	18	–	–	–	1	–	1	–	1	5
NOTTINGHAM	21	35	10	9	2	–	–	–	–	–	–	–	2	6
LIVERPOOL	27	258	84	60	1	19	4	–	16	11	5	14	18	44
MANCHESTER	26	175	42	35	1	–	4	–	4	5	–	4	8	30
SALFORD	21	51	9	10	–	–	–	–	3	2	1	–	1	6
OLDHAM	24	39	6	6	2	–	3	–	–	1	–	–	–	3
BRADFORD	26	76	21	9	–	9	–	1	1	2	3	2	2	6
LEEDS	24	124	35	20	4	5	1	–	2	4	3	3	4	13
SHEFFIELD	21	102	40	6	7	1	1	–	4	1	2	2	5	6
HULL	18	44	10	9	4	–	–	–	–	–	1	1	1	4
SUNDERLAND	19	37	17	8	–	–	–	–	–	3	–	–	–	4
NEWCASTLE-ON-TYNE	26	64	22	10	2	–	–	1	–	2	–	1	2	9
DUBLIN	24	143	20	27	25	9	–	1	1	4	4	4	6	51

TABLE 5.—DEATHS Registered in LONDON in the TWENTY-FOURTH Week of the Year 1872.

AUSES OF DEATH.	Average in the Twenty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 15, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 58·0	° 57·9						
LL CAUSES – –	1234·1	1207	449	97	211	217	189	44
PECIFIED CAUSES	1218·1	1204	447	97	210	217	189	44
YMOTIC DISEASES.								
ORDER 1.								
mall-pox – – –	39·4	37	13	11	10	3	–	–
easles – – –	44·1	33	33	–	–	–	–	–
arlet Fever (Scarlatina)	42·0	12	7	4	1	–	–	–
iphtheria – – –	8·4	3	3	–	–	–	–	–
ninsy – – –	1·0	–	–	–	–	–	–	–
oup – – –	10·2	8	7	1	–	–	–	–
hooping-cough – –	48·3	41	36	5	–	–	–	–
yphus – – –	46·9	1	–	–	–	–	1	–
nteric or Typhoid Fever		12	–	6	2	2	2	–
mple continued Fever		9	3	2	–	2	1	1
rysipelas – – –	5·8	7	2	–	–	1	3	1
nerperal Fever (Metria)	3·0	3	–	–	3	–	–	–
arbuncle – – –	·8	–	–	–	–	–	–	–
nfluenza – – –	·4	1	1	–	–	–	–	–
ysentery – – –	1·7	3	–	–	1	1	1	–
iarrhœa – – –	33·9	16	13	–	1	1	1	–
mple Cholera – –	1·9	–	–	–	–	–	–	–
gue – – –	·5	–	–	–	–	–	–	–
emittent Fever – –	·8	–	–	–	–	–	–	–
heumatism – – –	5·9	9	1	1	4	3	–	–
ther *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
ORDER 2.								
philis – – – –	5·7	7	6	–	1	–	–	–
ricture of Urethra –	1·2	–	–	–	–	–	–	–
ydrophobia – – –	·4	–	–	–	–	–	–	–
anders – – – –	—	–	–	–	–	–	–	–
ORDER 3.								
rivation – – –	·7	1	–	–	–	1	–	–
ant of Breast-milk –	7·1	6	6	–	–	–	–	–
rpura and Scurvy –	1·5	2	–	–	1	1	–	–
lcoholism { *a* Del. Tremens	1·4	1	–	–	–	–	1	–
{ *b* Intemperance –	1·3	2	–	–	1	1	–	–
ORDER 4.								
rush – – –	2·9	–	–	–	–	–	–	–
orms, &c. – – –	·2	–	–	–	–	–	–	–
NSTITUTIONAL DIS.								
ORDER 1.								
out – – – –	1·6	3	–	–	–	1	2	–
ropsy – – –	12·5	7	–	1	1	1	3	1
ancer – – –	28·5	28	–	–	3	16	9	–
ancrum Oris (Noma) –	·3	1	–	–	–	1	–	–
ortification – –	3·2	6	1	–	1	–	2	2
ORDER 2.								
rofula – – –	9·3	7	6	–	1	–	–	–
abes Mesenterica –	18·3	16	14	–	1	–	–	–
thisis – – –	154·7	181	12	26	90	45	7	1
ydrocephalus – –	30·4	30	26	4	–	–	–	–
LOCAL DISEASES.								
ORDER 1.								
ephalitis – – –	16·6	29	15	6	3	4	1	–
poplexy – – –	34·0	24	–	–	6	12	4	2
araly sis – – –	23·7	23	–	–	2	6	13	2
sanity – – –	1·9	2	–	–	–	1	1	–
horea – – –	·2	1	–	1	–	–	–	–
pilepsy – – –	6·9	5	1	–	2	1	1	–
onvulsions – – –	42·9	37	36	1	–	–	–	–
rain Disease, &c. –	16·6	10	1	1	–	2	6	–
ORDER 2.								
ericarditis – –	2·5	3	–	1	1	1	–	–
neurism – – –	1·8	2	–	–	–	2	–	–
eart Disease, &c. –	56·8	64	–	8	9	23	21	3
ORDER 3.								
aryngitis – – –	4·7	9	7	1	–	1	–	–
ronchitis – – –	78·9	100	38	1	4	17	35	5
leurisy – – –	3·3	4	–	1	1	2	–	–
neumonia – – –	57·7	53	24	2	12	11	4	–
sthma – – –	5·1	4	–	–	–	2	2	–
ung Disease, &c. –	10·6	12	7	–	–	3	2	–
ORDER 4.								
astritis – – –	1·5	1	–	–	–	1	–	–
nteritis – – –	5·5	8	5	1	1	–	1	–
eritonitis – – –	4·4	9	–	2	5	1	1	–
scites – – –	2·2	4	–	–	–	3	1	–
lceration of Intestines	2·5	4	1	–	–	1	2	–
ernia – – –	2·4	2	–	–	–	2	–	–
eus – – –	3·4	1	–	–	–	1	–	–
ntussusception – –	1·0	1	1	–	–	–	–	–

CAUSES OF DEATH.	Average in the Twenty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 15, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 58·0	° 57·9						
9. Stricture of Intestines –	·9	2	–	–	1	1	–	–
10. Fistula – – –	·5	1	–	–	–	1	–	–
11. *Stomach Disease, &c.* –	6·7	7	1	–	1	2	1	2
12. *Pancreas Disease, &c.* –		–	–	–	–	–	–	–
13. Hepatitis – – –	4·0	5	–	–	1	2	2	–
14. Jaundice – – –	3·6	6	2	–	1	1	1	1
15. *Liver Disease, &c.* – –	15·8	20	–	–	3	7	10	–
16. *Spleen Disease, &c.* –	·1	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·1	2	–	–	2	–	–	–
2. Ischuria – – –	·3	1	–	–	–	–	1	–
3. Bright's Disease (Nephria)	8·8	19	–	1	4	9	5	–
4. Diabetes – – –	1·8	6	–	–	4	2	–	–
5. Calculus (Stone) – –	1·1	1	–	–	–	1	–	–
6. Cystitis – – –	1·1	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	5·4	9	–	–	2	2	3	2
ORDER 6.								
1. Ovarian Dropsy – –	·6	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	4·5	4	–	–	1	1	2	–
ORDER 7.								
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·2	7	1	3	–	1	2	–
ORDER 8.								
1. Phlegmon – – –	1·5	2	–	–	–	2	–	–
2. Ulcer – – – –	·9	2	–	–	–	–	2	–
3. *Skin Disease, &c.* – –	·5	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	20·2	18	18	–	–	–	–	–
2. Cyanosis – – – –	1·7	3	3	–	–	–	–	–
3. Spina Bifida – – –	1·3	1	–	1	–	–	–	–
4. Other Malformations –	1·2	1	1	–	–	–	–	–
5. Teething – – – –	13·1	21	21	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·4	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	5·4	11	–	–	11	–	–	–
ORDER 3.								
1. Old Age – – – –	41·1	41	–	–	–	–	20	21
ORDER 4.								
1. Atrophy and Debility	58·6	67	59	–	–	2	6	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	15·8	13	3	2	3	2	3	–
2. Wounds { Gunshot – Cut, Stab –	·4	–	–	–	–	–	–	–
3. Burns and Scalds – –	3·3	3	1	–	1	1	–	–
4. Poison – – –	1·0	–	–	–	–	–	–	–
5. Drowning – – –	7·5	5	2	1	2	–	–	–
6. Suffocation – – –	6·6	8	7	–	1	–	–	–
7. Otherwise – – –	2·6	4	2	1	–	–	1	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	3·1	4	–	–	2	2	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot – Cut, Stab –	·3	–	–	–	–	–	–	–
2. Poison – – – –	1·2	1	–	–	–	–	1	–
3. Drowning – – –	1·1	–	–	–	–	–	–	–
4. Hanging – – – –	1·5	1	–	–	1	–	–	–
5. Otherwise – – –	2·1	2	–	–	1	–	1	–
	·2	1	–	–	–	1	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·9	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	13·1	3	2	–	1	–	–	–

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2189	1207	269	233	37	33	12	3	41	1	12	9	16	42	78
WEST DISTRICTS	561,189	320	162	29	39	3	1	1	1	5	–	3	3	2	3	2
NORTH DISTRICTS	751,663	508	288	57	60	10	8	3	1	13	–	4	2	6	13	16
CENTRAL DISTRICTS	333,887	178	150	37	28	–	7	–	1	4	–	1	1	3	3	9
EAST DISTRICTS	638,928	459	268	69	43	6	4	–	–	8	–	1	–	2	17	38
SOUTH DISTRICTS	966,132	724	339	77	63	15	13	8	–	11	1	3	3	3	6	13
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	44	17	4	4	–	1	–	–	1	–	2	–	–	–	–
St. John Paddington H	39082	11	10	–	3	–	–	–	–	–	–	–	–	–	1	1
Kensington Town *WL*	91583	55	26	4	5	3	–	1	–	–	–	–	1	1	–	–
Brompton H	28851	14	8	3	–	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	26	8	2	2	1	–	–	–	2	–	–	1	–	–	–
Fulham *WLLLL*	23378	11	5	2	1	–	–	–	–	–	–	–	–	–	–	–
Chelsea South HH	26419	20	10	2	3	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-west *HWw*	23278	12	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	7	5	–	2	1	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	6	3	–	1	–	–	–	1	–	–	–	–	–	–	–
May Fair *W*	13020	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	24	21	3	2	1	–	–	–	1	–	–	–	–	1	–
St. John Westminster HHH	38470	31	9	3	2	–	–	–	–	–	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	17	16	3	5	–	–	–	–	–	–	–	1	–	1	1
St. James's Square	10453	4	3	1	1	–	–	–	–	–	–	–	–	1	–	–
Golden Square *W*	12855	11	9	–	4	–	–	–	–	–	–	1	–	–	–	–
Berwick-street	10279	10	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	8	4	–	2	–	–	–	–	1	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	18	17	–	2	–	–	–	1	–	–	–	–	–	1	1
Cavendish Square	15419	4	4	–	1	–	1	–	–	–	–	–	–	–	–	1
Rectory Marylebone *WH*	26387	6	16	1	5	–	1	–	–	–	–	–	–	–	–	1
St. Mary Marylebone H	21795	21	12	2	3	–	–	–	–	–	–	–	–	–	1	2
Christchurch Marylebone	33802	19	13	3	1	1	–	1	–	–	–	–	–	–	1	–
St. John Marylebone	33110	14	14	5	2	–	1	–	–	1	–	–	–	–	–	–
Hampstead *WHH*	32271	22	13	2	3	2	1	–	–	1	–	–	–	–	1	–
Regent's Park Pancras	38192	28	17	4	2	–	–	–	–	2	–	–	–	1	2	2
Tottenham-court *wH*	29360	11	16	2	3	–	2	2	–	–	–	–	–	1	2	1
Gray's Inn Lane H	29216	10	12	1	4	–	–	–	–	1	–	–	–	1	2	2
Somers Town	38562	25	12	2	3	–	–	–	–	1	–	1	1	1	–	–
Camden Town *W*	18066	16	9	2	1	–	–	–	–	–	–	–	–	1	–	1
Kentish Town *W*	68198	44	23	4	7	–	1	–	–	–	–	–	1	–	1	1
Islington West HHH	97801	95	30	7	8	–	–	–	–	2	–	1	1	–	–	–
Islington East *WwH*	115948	97	35	9	7	1	1	–	–	3	–	–	–	1	1	3
Stoke Newington L	9810	8	3	–	–	1	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	6	2	1	–	1	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	18	6	2	–	1	–	–	–	–	–	–	–	–	–	–
Hackney *WwHHL*	50087	36	28	8	6	3	–	–	–	2	–	1	–	–	1	2
South Hackney L	30305	10	6	2	2	–	–	–	–	–	–	1	–	–	1	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	11	11	4	5	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	16	5	2	–	–	–	–	–	–	–	–	–	1	–	–
Long Acre	11326	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	2	5	–	1	–	–	–	–	–	–	–	–	–	–	2
St. Mary-le-Strand	9376	2	1	–	–	–	1	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	9	12	–	2	–	–	–	–	–	–	–	–	–	1	2
St. George-the-Martyr HHH	20521	11	14	1	1	–	–	–	1	–	–	–	–	–	–	1
St. Andrew East Holborn *W*	13528	4	9	3	2	–	2	–	–	1	–	–	–	–	–	–
Saffron Hill	9051	6	3	1	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	14	11	4	3	–	–	–	–	–	–	–	–	1	1	2
Amwell Clerkenwell	16878	6	5	1	–	–	1	–	–	1	–	–	–	–	1	1
Pentonville	13293	4	2	–	–	–	–	–	–	–	–	1	–	–	–	–
Goswell-street	16220	9	5	–	1	–	–	–	–	–	–	–	–	–	–	–
Old-street H	12156	10	8	2	1	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	17	10	3	3	–	1	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	6	5	3	–	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	7	2	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	5	3	–	3	–	–	–	–	–	–	–	–	1	–	–
Cripplegate	13639	7	7	4	1	–	1	–	–	1	–	–	–	–	–	–
St. Sepulchre H	7562	4	8	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Bride *W*	11184	9	6	2	1	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	2	–	–	–	1	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	4	1	–	–	–	–	–	–	–	–	–	–	–	1
Broad Street	7838	3	5	2	1	–	–	–	–	1	–	–	1	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 15th June 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	13	10	3	2	–	1	–	–	2	–	–	–	–	–	2	–
xton New Town *w*	27832	15	18	4	9	–	–	–	–	–	–	1	–	–	–	–	9
xton Old Town	26944	24	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ggerstone West *W*	24153	31	12	5	2	1	1	–	–	1	–	–	–	–	–	–	3
ggerstone East	19257	15	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ckney-road	29808	26	16	5	–	–	–	–	–	1	–	–	–	–	1	3	–
een, Bethnal Green *WHL†*	42443	42	22	8	6	–	–	–	–	–	–	–	–	–	1	5	9
urch, Bethnal Green	26574	14	21	6	2	–	–	–	–	1	–	–	–	1	5	8	–
wn, Bethnal Green	21375	12	6	–	–	–	–	–	–	–	–	–	–	–	–	2	–
illery Whitechapel	6651	3	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–
tafields	15344	4	3	1	–	–	–	–	–	1	–	–	–	–	–	–	–
e End New Town *W*	15550	6	11	2	3	–	–	–	–	–	–	–	–	–	–	1	8
itechapel North	11434	13	7	3	–	–	–	–	–	–	–	–	–	1	–	1	–
itechapel Church H	7323	8	13	–	–	–	–	–	–	1	–	–	–	–	2	2	8
dman's Fields	10381	10	5	2	1	–	–	–	–	–	–	–	–	–	–	2	–
gate	9149	3	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Mary St George East	17906	14	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Paul St. George East	21356	6	3	1	–	–	–	–	–	–	–	–	–	–	1	1	–
John St. George East *W*	8973	9	5	1	1	–	–	–	–	–	–	–	–	–	1	1	4
dwell	11623	6	7	1	2	–	–	–	–	–	–	–	–	–	4	4	–
tcliff H	15930	15	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
nehouse *W*	30025	11	10	4	1	1	1	–	–	–	–	–	–	–	–	1	–
le End Old Town West	38126	36	9	4	–	–	–	–	–	–	–	–	–	–	–	–	–
e End Old Town East *WwH*	55020	33	17	8	3	1	1	–	–	1	–	–	–	–	–	–	–
w *WwwHL†*	67777	50	37	3	8	1	–	–	–	–	–	–	–	–	2	4	14
olar *WW*	48500	33	17	3	2	2	–	–	–	–	–	–	–	–	–	–	1
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	8	8	–	2	2	–	–	–	–	–	–	–	–	–	–	2
Saviour Southwark H	15667	15	5	–	–	2	–	1	–	–	–	–	–	–	–	–	–
nt-road	20450	18	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–
rough-road *WH*	16694	11	5	–	–	–	–	–	–	1	–	–	–	1	–	–	1
ndon-road L	18959	12	7	2	–	–	–	–	–	–	–	–	–	–	1	–	–
nity Newington	23673	16	9	2	3	–	–	1	–	–	–	–	–	–	–	–	–
Peter Walworth *W*	48232	41	10	3	5	–	–	–	–	–	–	–	–	–	–	–	–
Mary Newington	16786	18	5	–	2	–	1	–	–	–	1	–	–	–	–	–	–
Olave Southwark H	4157	3	11	1	2	–	–	–	–	–	–	–	–	–	1	1	10
John Horsleydown *W*	10595	5	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ther Market	16785	19	5	1	1	1	–	–	–	2	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	15	4	1	–	1	–	1	–	–	–	–	1	–	–	–	–
James Bermondsey	47921	53	13	3	3	–	–	–	–	–	–	1	–	–	–	–	–
therhithe *W*	25873	15	6	1	2	–	–	1	–	–	–	–	–	–	–	–	1
terloo-road 1st H	14086	14	7	3	–	–	–	–	–	1	–	–	–	–	–	–	–
terloo-road 2nd H	18453	12	7	6	–	–	–	–	–	1	–	–	–	–	–	1	–
mbeth Church 1st H	19470	9	16	1	–	–	–	–	–	1	–	–	–	–	1	1	10
mbeth Church 2nd *W*	35831	37	21	6	–	–	1	–	–	1	–	–	–	1	–	1	5
nnington 1st *W*	41284	26	11	1	4	–	–	–	–	1	–	1	–	–	–	–	–
nnington 2nd	31213	15	13	2	3	–	–	–	–	–	–	–	–	–	–	–	–
xton HL	35431	16	15	1	1	6	–	–	–	–	–	–	–	–	–	–	6
rwood *W*	12534	8	2	–	–	–	–	–	–	–	–	–	–	–	1	1	–
pham HL	27348	18	11	5	2	–	–	–	–	1	–	–	–	–	1	1	1
ttersea *W*	53988	49	20	7	3	–	3	–	–	–	–	1	–	–	–	1	3
ndsworth HL	19797	5	7	–	2	–	1	–	–	–	–	–	–	–	–	–	1
tney	9438	9	2	1	–	–	–	–	–	–	–	–	–	–	–	1	–
eatham	14479	8	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	1	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
mberwell *WL†L†*	31251	20	19	4	5	–	–	1	–	–	–	–	–	–	–	1	8
kham *W*	42159	40	12	2	4	–	–	–	–	1	–	–	–	1	–	2	–
George Camberwell	33851	22	5	1	1	–	1	–	–	–	–	–	–	1	–	1	–
Paul Deptford	53696	43	9	1	1	1	1	–	–	–	–	–	–	–	–	–	–
Nicholas Deptford	6487	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eenwich West	21098	11	6	2	3	–	–	–	–	–	–	–	–	–	–	–	–
eenwich East *WH*	19320	17	11	1	5	–	–	–	–	–	–	–	–	–	–	–	6
ham	4528	2	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
	16430	6	4	1	2	–	–	–	–	–	–	–	–	–	–	–	–
visham Village *W*	11508	14	3	–	1	–	–	–	–	1	–	–	–	–	–	–	–
lenham	19016	8	8	5	–	–	–	–	–	–	–	–	–	–	–	–	–
arlton H	9503	6	6	1	1	–	1	–	–	–	–	–	–	–	–	1	1
olwich Dockyard	17229	8	6	4	–	–	1	1	–	–	–	–	–	–	–	–	–
olwich Arsenal H	18319	20	4	–	2	–	1	–	–	–	–	–	–	–	–	–	–
mstead West	13028	15	5	2	–	–	1	–	–	–	–	–	–	1	–	–	–
mstead East *W*	15290	13	4	2	–	1	1	–	–	–	–	–	–	–	–	–	–

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – ,, ,, Tottenham-court sub-district.
London City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15th JUNE, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	9	Apogee.	29·282	61·6	50·5	11·1	53·9	47·9	109·6	49·9	60·1	58·3	6·0	11·0	2·4	— 3·8	80	SSW.	SSW.& SW.	15·1	0·2	1·8	495	0·05	..
MONDAY .	10	..	29·499	65·3	48·2	17·1	53·8	44·7	131·3	42·8	59·8	58·0	9·1	15·0	4·4	— 4·2	71	SW. & WSW.	WSW.&WNW	6·8	0·1	1·0	429	0·02	..
TUESDAY .	11	..	29·423	61·8	47·7	14·1	52·7	52·5	77·3	43·2	59·2	57·3	0·2	2·7	1·2	— 5·6	99	SW.	SSW, WSW, & NW.	3·2	0·0	0·3	301	0·26	..
WEDNESDAY	12	..	29·680	65·0	47·7	17·3	55·9	52·1	99·1	42·0	58·9	57·6	3·8	11·2	1·1	— 2·7	87	WNW. W. & W. by S.	W. by S. & W.	2·4	0·0	0·2	292	0·00	..
THURSDAY .	13	..	29·760	72·8	55·7	17·1	61·3	52·7	130·3	54·2	58·9	57·5	8·6	18·4	3·2	+ 2·5	74	W.	NW. N. & Calm	0·7	0·0	0·1	190	0·00	..
FRIDAY .	14	FirstQr.	29·891	76·2	50·1	26·1	62·8	52·9	142·9	44·1	59·4	58·0	9·9	19·2	0·6	+ 3·8	70	WSW. & S.	SW.&SSW.	0·7	0·0	0·0	143	0·00	..
SATURDAY .	15	In Equator	30·002	81·3	47·9	33·4	65·1	57·2	146·5	41·4	60·4	59·0	7·9	19·0	0·4	+ 6·1	76	SSW. & SSE.	SW.	1·7	0·0	0·1	180	0·00	..
MEANS . .		..	29·640	69·1	49·7	19·5	57·9	51·4	119·6	45·4	59·5	58·0	6·5	13·8	1·9	— 0·6	80	SSW, SW, & WSW.		..	..	..	Sum 2030	Sum 0·33	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JUNE.			
SUNDAY .	9	No electricity shown.	Rain fell in early morning and occasionally during the day. The amount of cloud very variable. Very fine at times, but very windy.
MONDAY .	10	Strong positive and negative, with sparks and galvanic currents at noon.	Overcast in morning; light clouds present after mid-day. Occasional rain. Fine night.
TUESDAY .	11	No electricity shown.	Overcast throughout. Rain fell almost continuously from 9h. A.M. to 9h. P.M., but very thinly at times.
WEDNESDAY	12	Weak positive.	Generally cloudy and very dull.
THURSDAY .	13	No electricity shown.	Very fine throughout. Hazy in morning, and a little thin cloud was present till night; then cloudless.
FRIDAY .	14		Fine. Light cirrus and cirro-cumulus clouds prevalent till the evening.
SATURDAY .	15	Weak positive.	An extremely fine day. Nearly cloudless at times.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·47 in. at the beginning of the week to 29·28 in. by 9h. P.M. on the 9th; increased to 29·53 in. by 9h. P.M. on the 10th; decreased to 29·35 in. by 3h. P.M. on the 11th; and was 30·06 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
24th June 1872.

United Kingdom.

During the week ending Saturday last, 4863 *births* and 3061 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 27 per 1000 persons living, in Glasgow 28 per 1000, and in Dublin 27 ; the deaths from small-pox in Dublin, which in the two previous weeks had been 54 and 25, were 28 last week.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow :—London 19 per 1000; Portsmouth 25, Norwich 17, Bristol 19, Wolverhampton 20, Birmingham 19, Leicester 25, Nottingham 24, Liverpool 23, Manchester 22, Salford 18, Oldham 23, Bradford 26, Leeds 25, Sheffield 21, Hull 23, Sunderland 23, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 100, 115, and 129, declined last week to 87 ; of these, 26 occurred in London, 16 in Portsmouth, 15 in Leicester, 8 in Bristol, and 6 in Leeds. The annual death-rate from this disease was equal to 8 per 1000 in Leicester, 7 in Portsmouth, 2 each in Bristol and Wolverhampton, and one in Leeds.

London.

In London 1997 births and 1230 deaths were registered last week. After making due allowance for increase of population, the births were 198, and the deaths 140, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been 21, 20, and 19 respectively, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 20 per 1000 in the West, 19 in the North, 20 in the Central, 19 in the East, and 19 in the South groups of Districts.

The 1230 deaths included 26 from small-pox, 41 from measles, 9 from scarlet fever, 6 from diphtheria, 53 from whooping-cough, 23 from different forms of fever (of which 2 were certified as typhus, 11 as enteric or typhoid, and 10 as simple continued fever), and 25 from diarrhœa; thus to the seven principal diseases of the zymotic class 183 deaths were referred, against 208 and 164 in the two preceding weeks. The fatal cases of measles, whooping-cough, and diarrhœa were more numerous than in the previous week, while those of the other diseases had further declined. Measles showed a fatal prevalence in Paddington and Marylebone. The deaths referred to diarrhœa, which in the two previous weeks had been 24 and 16, rose again last week to 25, which, however, were 36 below the corrected average number in the corresponding week of the last ten years. The death of a male, aged 60 years, occurring in St. Paul Hammersmith sub-district, was referred to "cholera biliosa, 3 days."

The warm weather which set in on Thursday 13th reached its maximum on Monday 17th, and a decreasing daily excess of temperature was shown on each succeeding day until Saturday, when the mean was a trifle below the average. The mean temperature on Monday was 71°·8, and 12°·8 above the average ; the highest reading of the thermometer in the shade was 86°·0, and in the sun 150°·0. Very little rain was measured in London, but heavy thunder rain fell on Tuesday in the Midland and Northern counties ; in Bradford to the amount of 2·49 inches, of which 1·52 inches fell within 50 minutes.

The fatal cases of small-pox, which in the two previous weeks had been 27 and 37, were 26 last week, including 7 unvaccinated cases, and 9 which were "not stated" as to vaccination ; only 3 were recorded in the special small-pox hospitals, against 9 and 11 in the two preceding weeks. Out of those institutions, 3 deaths each were referred to this disease in St. Paul Deptford and Poplar, and 2 each in Kentish Town and Mile End Old Town Eastern sub-districts.

Diseases of the respiratory organs, including phthisis, caused 352 deaths last week, against 413, 390, and 363 in the three preceding weeks; this number showed an excess of 14 upon the corrected average number in the corresponding week of the last ten years.

To different forms of violence 59 deaths were referred; 48 were the result of negligence or accident, including 22 from fractures and contusions, 2 from burns and scalds, 15 from drowning, and 7 (all of infants under one year of age) from suffocation. Five cases of infanticide, 2 of suicide, and one of manslaughter, were registered during the week.

No less than 9 of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 62 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 23d instant; of these, 57 occurred in the Metropolitan, and 5 in the City Police Districts.

During the week 108 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 87 and 78 in the two preceding weeks; these showed a proportion to the total deaths of 9 per cent.

In the large Public Institutions 225 deaths were recorded, or 18 per cent. of the total deaths; of these 121 occurred in Workhouses, and 93 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending May 21st were 376, including 94 fatal cases of small-pox, against 85 and 69 in the two previous weeks; according to a recent Census the population of this city consists of 646,636 persons; the 376 deaths in the above-mentioned week were equal to an annual death-rate of 30 per 1000 of this population. In Calcutta 187 deaths were returned in the week ending May 11th. In Madras the 274 deaths in the week ending the 10th ultimo showed an annual death-rate equal to 36 per 1000 of the population enumerated in 1871.

Foreign Cities.

In Paris 761 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 75 deaths occurred in the week ending the 15th instant, and the annual death-rate was 21 per 1000. In Berlin during the week ending last Thursday, 614 deaths were recorded, showing an annual rate of 39 per 1000; 212 deaths were referred to infantile diarrhœa, against 117 and 176 in the two preceding weeks. In Rome 171 deaths were registered in the week ending the 9th instant, and the annual death-rate was 36 per 1000.

In the City of New York 588 deaths were registered in the week ending June 1st, and the equivalent annual rate of mortality was 33 per 1000; 31 deaths were referred to cerebro-spinal meningitis, against 51 and 42 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·86 in.; the highest reading was 30·12 in. at noon on Sunday, the 16th, and the lowest 29·64 in. on Wednesday afternoon. The mean temperature of the *air* was 66°·5, or 7°·1 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Monday was 71°·8, and 12°·8 above the average, and a considerable excess was shown on each of the other days of the week, except on Saturday, when the mean had fallen to 59°·5, which was 0°·8 below the average. The highest day temperature in the shade was 86°·0 on Monday, and the lowest night temperature 51°·7 on Saturday; the entire range in the week was, therefore, 34°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 150°·0 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 10°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 64°·3. The mean degree of *humidity* of the air was 69, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9 miles per hour. *Rain* fell on Wednesday, Thursday, and Friday, to the amount of ·19 of an inch.

The mean temperature of the week in the other large English towns furnishing returns, ranged from 61°·2 in Portsmouth, to 65°·6 in Nottingham; the lowest recorded night temperature was 45°·2 in Salford, and the highest day temperature in the shade 87°·2 in Leicester. Rain was measured in each in these towns; the amounts varied from ·10 of an inch in Hull, to 2·58 inches in Bradford; of this latter amount 2·49 inches fell on Tuesday, 1·52 being measured within 50 minutes.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 219,463 cubic metres, and at Barking 244,002 cubic metres, equivalent to about as many tons by weight.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-FIFTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1913	1879	1897	1949	1943	2234	2025	2100	2073	1938	1995·1	1997
Males . .	942	938	973	1022	997	1142	1024	1080	1075	1008	1020·1	1015
Females .	971	941	924	927	946	1092	1001	1020	998	930	975·0	982
Total Deaths	1104	1191	1262	1359	1295	1052	1228	1381	1282	1296	1245·0	1230
Males . .	575	619	661	705	688	531	656	698	681	662	647·6	633
Females .	529	572	601	654	607	521	572	683	601	634	597·4	597

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.
Total Deaths - - -	1641	1559	1470	1410	1415	1387	1250	1268	1205	1336	1289	1207	1230
Deaths under 5 years of age -	667	698	630	620	572	565	499	523	495	527	536	449	470
Deaths 5—20 - - -	132	95	109	95	110	108	103	91	91	83	90	97	85
Deaths 20—40 - - -	239	171	195	191	198	215	186	200	188	198	200	211	198
Deaths 40—60 - - -	264	261	238	219	250	260	201	215	204	241	220	217	217
Deaths 60—80 - - -	275	285	244	241	233	199	206	199	190	234	201	189	215
Deaths at 80 years & upwards	64	49	54	44	52	40	55	40	37	53	42	44	45
Deaths from Smallpox - -	55	65	49	48	41	62	39	54	54	37	27	37	26
„ „ Measles - -	63	68	66	77	58	64	35	47	41	59	39	33	41
„ „ Scarlet Fever -	22	23	26	11	17	11	10	16	20	18	18	12	9
„ „ Diphtheria -	4	3	6	7	7	6	9	5	5	10	4	3	6
„ „ Whooping-cough	118	118	100	72	85	81	83	73	74	72	63	41	53
„ „ Typhus fever -	3	3	2	3	3	5	4	2	1	3	8	1	2
„ „ Enteric (or Typhoid) fever -	16	19	12	16	17	10	15	11	8	13	18	12	11
„ „ Simple Cont^{d} fever	7	2	4	3	6	5	8	12	7	12	7	9	10
„ „ Diarrhœa - -	9	7	10	13	15	9	10	14	9	15	24	16	25
„ „ Simple Cholera -	—	—	—	—	—	1	—	—	—	—	2	—	1
„ „ Phthisis - -	218	152	190	175	178	193	165	174	150	186	172	181	160
„ „ Bronchitis - -	225	216	149	151	149	146	121	114	114	130	116	100	108
„ „ Pneumonia -	110	83	91	78	91	62	58	63	59	72	76	53	52
„ „ Heart Disease -	79	73	66	67	80	64	58	54	78	61	68	64	70
Mean Temperature of the Air	43°5	44°7	51°4	46°2	50°1	52°6	47°2	47°5	49°8	57°7	52°6	57°9	66°5
Mean Temperature of the Water of the Thames -	43·6	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3
Humidity of the Air - -	88	84	73	71	77	72	80	86	72	74	83	80	69
Rain-fall in inches - -	0·79	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33	0·19

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield: J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 22d day of June 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 22d June 1872.	DEATHS registered during the Week ending 22d June 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4863	3061	87·2	45·2	63·2	17·33	0·95	2·41
LONDON	78,080	3,311,298	42·4	1997	1230	86·0	51·7	66·5	19·17	0·19	0·48
PORTSMOUTH	9,513	115,455	12·1	70	55	79·0	48·6	61·2	16·22	0·24	0·61
NORWICH	7,472	81,105	10·9	41	27	82·5	51·8	63·1	17·28	0·26	0·66
BRISTOL	4,683	186,428	39·8	133	67	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	52	27	84·5	46·8	62·4	16·89	0·57	1·45
BIRMINGHAM	7,831	350,164	44·7	257	129	84·6	49·7	63·6	17·56	1·98	5·03
LEICESTER	3,200	99,143	31·0	53	48	87·2	46·2	64·3	17·94	1·75	4·44
NOTTINGHAM	1,996	88,225	44·2	43	40	86·1	47·1	65·6	18·67	0·68	1·73
LIVERPOOL	5,108	499,897	97·9	310	224	80·7	50·2	61·0	16·11	1·12	2·84
MANCHESTER	4,486	352,759	78·6	285	146	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	86	44	82·5	45·2	62·2	16·78	1·24	3·15
OLDHAM	4,167	84,004	20·2	49	37	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	109	76	83·2	50·2	64·9	18·28	2·58	6·55
LEEDS	21,572	266,564	12·4	208	129	83·0	50·0	64·6	18·11	1·15	2·92
SHEFFIELD	22,830	247,847	10·9	174	100	82·0	48·0	63·6	17·56	1·35	3·43
HULL	3,562	124,976	35·1	101	56	81·0	47·0	61·4	16·33	0·10	0·25
SUNDERLAND	3,306	100,665	30·4	95	45	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	70	55	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	138	106	80·0	48·0	63·3	17·39	0·50	1·27
GLASGOW	5,063	489,136	94·8	390	258	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	202	162	77·4	46·5	61·0	16·11	0·56	1·42

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 18 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevail between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at t Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Wee ending Saturday the 22d day of June 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	21	2535	607	494	87	85	29	9	91	50	50	121	195	36
LONDON	19	1230	284	260	26	41	9	6	53	23	25	59	108	22
PORTSMOUTH	25	55	8	9	16	–	–	1	–	2	1	2	5	
NORWICH	17	27	5	5	–	–	–	–	–	–	–	6	6	
BRISTOL	19	67	15	16	8	1	–	–	2	1	–	3	5	1
WOLVERHAMPTON	20	27	5	5	2	–	–	–	1	1	–	–	–	
BIRMINGHAM	19	129	40	20	4	–	6	–	6	–	3	7	11	1
LEICESTER	25	48	15	8	15	1	–	–	–	–	1	1	2	
NOTTINGHAM	24	40	14	6	–	–	–	–	2	1	–	1	1	
LIVERPOOL	23	224	54	45	1	24	5	–	11	7	4	12	14	2
MANCHESTER	22	146	33	25	–	–	4	1	–	2	5	5	9	2
SALFORD	18	44	6	7	–	1	1	–	5	–	1	4	4	
OLDHAM	23	37	8	11	1	–	–	–	–	–	2	–	1	
BRADFORD	26	76	20	9	–	12	–	–	–	3	1	2	2	
LEEDS	25	129	39	33	6	2	1	–	2	5	1	4	5	1
SHEFFIELD	21	100	21	9	4	2	2	–	4	2	–	5	7	
HULL	23	56	13	12	2	–	–	–	3	1	3	3	3	
SUNDERLAND	23	45	13	4	–	–	–	1	2	2	1	–	1	
NEWCASTLE-ON-TYNE	22	55	14	10	2	1	1	–	–	–	2	7	11	
DUBLIN	27	162	17	37	28	10	6	–	–	5	2	3	2	6

TABLE 5. DEATHS in LONDON Registered in the TWENTY-FIFTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 22, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	58·6	65·5						
ALL CAUSES - -	1245·0	1230	470	85	198	217	215	45
SPECIFIED CAUSES	1232·1	1225	467	85	198	216	214	45
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	40·3	26	12	6	7	1	–	–
Measles – – –	43·0	41	40	1	–	–	–	–
Scarlet Fever (Scarlatina)	49·2	9	4	3	1	1	–	–
Diphtheria – – –	9·2	6	3	3	–	–	–	–
Quinsy – – – –	·5	2	–	–	1	1	–	–
Croup – – – –	10·9	6	5	1	–	–	–	–
Whooping-cough – –	42·5	55	51	2	1	–	–	–
Typhus – – –	42·8	2	–	1	1	–	–	–
Enteric or Typhoid Fever		11	1	4	6	–	–	–
Simple continued Fever –		10	3		1	5	1	–
Erysipelas – – –	5·6	8	3	–	1	1	3	–
Puerperal Fever (Metria)	2·6	4	–	–	3	1	–	–
Carbuncle – – –	·7	–	–	–	–	–	–	–
Influenza – – –	·1	–	–	–	–	–	–	–
Dysentery – – –	2·5	1	–	–	–	–	1	–
Diarrhœa – – –	55·3	25	21	–	–	–	4	–
Simple Cholera – –	2·6	1	–	–	–	–	1	–
Ague – – – –	·3	1	–	–	1	–	–	–
Remittent Fever – –	1·3	–	–	–	–	–	–	–
Rheumatism – –	8·3	13	–	1	8	2	1	1
Other *Zymotic* Diseases –	·5	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	7·0	9	8	–	–	1	–	–
Stricture of Urethra –	1·1	–	–	–	–	–	–	–
Hydrophobia – – –	––	–	–	–	–	–	–	–
Glanders – – – –	·3	–	–	–	–	–	–	–
ORDER 3.								
Privation – – – –	·2	–	–	–	–	–	–	–
Want of Breast milk –	9·0	6	6	–	–	–	–	–
Purpura and Scurvy –	2·5	2	2	–	–	–	–	–
Alco- { *a* Del. Tremens –	2·3	1	–	–	–	1	–	–
olism { *b* Intemperance –	1·8	3	–	–	2	–	1	–
ORDER 4.								
Thrush – – – –	2·8	1	1	–	–	–	–	–
Worms, &c. – – –	·2	3	2	–	–	1	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	1·4	2	–	–	–	1	1	–
Dropsy – – – –	12·2	16	3	–	1	5	6	1
Cancer – – – –	29·1	35	–	–	8	13	13	1
Cancrum Oris (Noma) –	·2	–	–	–	–	–	–	–
Mortification – – –	2·3	1	–	–	–	–	1	–
ORDER 2.								
Scrofula – – – –	8·1	7	5	1	–	1	–	–
Tabes Mesenterica – –	19·9	17	15	2	–	–	–	–
Phthisis – – –	162·5	160	5	18	74	54	9	–
Hydrocephalus – –	28·5	29	24	2	–	1	–	–
. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	14·5	16	9	3	1	2	1	–
Apoplexy – – – –	30·8	33	10	2	2	8	11	–
Paralysis – – – –	24·3	40	–	–	2	7	28	3
Insanity – – – –	1·6	4	–	–	1	3	–	–
Chorea – – – –	·1	–	–	–	–	–	–	–
Epilepsy – – – –	3·3	3	–	–	–	2	1	–
Convulsions – – –	41·5	37	36	1	–	–	–	–
Brain Disease, &c. –	16·0	13	1	–	1	6	3	2
ORDER 2.								
Pericarditis – – –	2·0	2	–	1	1	–	–	–
Aneurism – – – –	2·2	5	–	–	2	3	–	–
Heart Disease, &c. –	58·5	70	–	4	17	25	23	1
ORDER 3.								
Laryngitis – – –	5·7	9	8	–	1	–	–	–
Bronchitis – – –	72·8	108	47	–	3	19	32	7
Pleurisy – – – –	2·9	5	–	–	1	2	2	–
Pneumonia – – –	49·2	52	29	3	11	4	5	–
Asthma – – – –	5·6	5	–	–	1	1	2	1
Lung Disease, &c. –	8·6	13	9	–	–	3	1	–
ORDER 4.								
Gastritis – – –	2·1	1	–	–	–	–	1	–
Enteritis – – – –	5·7	7	2	3	–	1	1	–
Peritonitis – – –	4·8	9	–	2	4	2	1	–
Ascites – – – –	1·8	2	–	–	–	–	2	–
Ulceration of Intestines –	2·7	4	–	–	3	1	–	–
Hernia – – – –	2·6	6	–	–	–	1	4	1
Ileus – – – –	3·3	6	1	2	2	–	–	1
Intussusception – –	1·1	2	–	–	1	–	1	–

CAUSES OF DEATH.	Average in the Twenty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 22, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	58·6	65·5						
9. Stricture of Intestines –	1·0	4	–	–	–	4	–	–
10. Fistula – – – –	·3	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	4·9	9	1	1	2	2	3	–
12. *Pancreas Disease, &c.* –	––	–	–	–	–	–	–	–
13. Hepatitis – – –	3·6	1	–	–	–	–	–	1
14. Jaundice – – –	5·6	2	–	–	–	1	1	–
15. *Liver Disease, &c.* –	16·9	19	1	–	3	7	8	–
16. *Spleen Disease, &c.* –	·5	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – – –	1·1	2	–	2	–	–	–	–
2. Ischuria – – – –	·5	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·8	11	2	1	1	6	1	–
4. Diabetes – – – –	2·4	1	–	–	–	1	–	–
5. Calculus (Stone) – –	·5	1	–	1	–	–	–	–
6. Cystitis – – – –	1·1	2	–	–	–	–	2	–
7. *Kidney Disease, &c.* –	7·2	6	–	–	1	2	2	1
ORDER 6.								
1. Ovarian Dropsy – –	1·2	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·4	7	–	1	–	4	2	–
ORDER 7.								
1. Synovitis (Arthritis) –	·1	1	–	–	1	–	–	–
2. *Joint Disease, &c.* –	4·4	6	1	3	1	–	1	–
ORDER 8.								
1. Phlegmon – – –	2·2	1	–	–	1	–	–	–
2. Ulcer – – – –	1·0	1	1	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·4	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	19·4	17	17	–	–	–	–	–
2. Cyanosis – – – –	1·9	2	2	–	–	–	–	–
3. Spina Bifida – –	·8	1	1	–	–	–	–	–
4 Other Malformations	2·0	–	–	–	–	–	–	–
5. Teething – – – –	12·7	10	10	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	1	–	1	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	6·6	1	–	–	1	–	–	–
ORDER 3.								
1. Old Age – – – – –	41·9	47	–	–	–	–	23	24
ORDER 4.								
1. Atrophy and Debility –	56·3	49	44	1	–	–	4	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	12·5	22	3	4	6	5	4	–
2. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
{ Cut, Stab –		1	–	–	1	–	–	–
3. Burns and Scalds – –	4·2	2	1	–	–	–	1	–
4. Poison – – – –	1·5	–	–	–	–	–	–	–
5. Drowning – – –	7·3	15	1	4	8	2	–	–
6. Suffocation – – –	6·5	7	7	–	–	–	–	–
7. Otherwise – – –	3·1	1	1	–	–	–	–	–
ORDER 3.								
(HOMICIDE.)								
1. Murder and Manslaughter	2·5	6	5	–	1	–	–	–
ORDER 4.								
(SUICIDE.)								
1. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
{ Cut, Stab –	1·5	–	–	–	–	–	–	–
2. Poison – – – –	·7	1	–	–	–	1	–	–
3 Drowning – – –	·8	–	–	–	–	–	–	–
4. Hanging – – –	1·5	1	–	–	–	1	–	–
5. Otherwise – – –	·6	–	–	–	–	–	–	–
ORDER 5.								
(EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	3	–	–	2	–	1	–
Sudden Deaths (Cause unascertained) – –	2·3	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	10·6	5	3	–	–	1	1	–

OTE. – Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON - - -	3,251,804	1997	1230	284	260	26	41	9	6	53	2	11	10	25	59	108	22
WEST DISTRICTS - - - -	561,189	309	219	50	38	-	7	3	2	5	-	3	1	6	14	17	4
NORTH DISTRICTS - - - -	751,668	453	275	74	62	6	12	4	2	15	-	3	3	3	15	36	4
CENTRAL DISTRICTS - - -	333,887	180	131	27	28	-	3	1	-	5	-	-	-	5	7	14	2
EAST DISTRICTS - - - -	638,928	438	237	60	41	6	8	1	1	12	-	2	2	5	17	30	4
SOUTH DISTRICTS - - - -	966,132	617	368	73	91	14	11	-	1	16	2	3	4	6	6	11	7
WEST DISTRICTS.																	
St. Mary Paddington *WH* - - -	58702	45	19	7	1	-	4	-	1	-	-	-	-	-	1	1	
St. John Paddington H - - -	38082	9	20	3	6	-	-	1	1	1	-	-	-	1	2	2	
Kensington Town *WL* - - -	91583	44	31	8	4	-	1	-	-	1	-	2	-	2	-	-	
Brompton H - - - -	28651	16	6	1	-	-	-	-	-	-	-	-	-	-	1	2	
St. Peter Hammersmith - - -	6662	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H - - -	36030	18	12	1	2	-	-	-	-	-	-	-	-	-	1	1	
Fulham *WLLLL* - - - -	23378	19	8	1	3	-	-	-	-	-	-	-	-	-	-	-	
Chelsea South HH - - - -	24419	8	8	2	-	-	-	-	-	-	-	-	-	1	-	-	
Chelsea North-west H*Ww* - - -	23278	19	18	3	5	-	-	-	-	-	-	-	-	-	-	1	
Chelsea North-east L - - -	21389	16	6	1	1	-	-	-	-	-	-	1	-	-	1	-	
Hanover Square - - - - -	18700	8	8	3	1	-	1	1	-	1	-	-	-	-	1	1	
May Fair *W* - - - - -	13020	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH - - - - -	58043	38	28	6	7	-	-	-	-	2	-	-	1	2	4	4	
St. John Westminster HHH - -	38470	23	18	7	3	-	-	-	-	-	-	-	-	-	-	1	
St. Margaret Westminster *WWHH* -	27640	10	8	1	1	-	1	-	-	-	-	-	-	-	2	2	
St. James's Square - - - -	10453	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
Golden Square *W* - - - -	12855	11	8	1	1	-	-	-	-	-	-	-	-	-	-	1	
Berwick-street - - - - -	10279	8	2	-	-	-	1	-	-	-	-	-	-	-	-	-	
St. Anne Soho HH - - - -	17555	11	9	2	1	-	-	-	-	-	-	-	-	-	1	1	
NORTH DISTRICTS.																	
All Souls Marylebone HH - -	28574	11	15	2	4	-	-	-	-	1	-	-	-	-	1	3	
Cavendish Square - - - -	15419	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH* - - -	26387	16	15	-	4	-	2	-	-	1	-	-	-	-	1	2	
St. Mary Marylebone H - - -	21795	27	10	4	1	-	-	-	-	-	-	-	-	1	-	2	
Christchurch Marylebone - - -	33892	21	11	8	1	-	1	-	-	1	-	-	-	-	-	-	
St. John Marylebone - - - -	33110	21	19	10	3	-	3	-	1	1	-	-	-	-	1	2	
Hampstead *WHH* - - - -	32271	14	7	3	-	-	1	-	-	-	-	-	-	-	1	1	
Regent's Park Pancras - - -	38192	22	11	5	1	-	-	1	-	2	-	-	-	-	-	2	
Tottenham-court *wH* - - - -	29360	13	14	2	5	-	1	-	-	1	-	-	1	-	-	1	
Gray's Inn Lane H - - - -	29216	21	14	3	5	-	-	-	-	-	-	1	1	-	2	3	
Somers Town - - - - -	38562	19	11	2	3	1	-	-	-	1	-	-	-	-	1	3	
Camden Town *W* - - - -	18066	18	7	2	4	-	-	-	-	-	-	-	-	-	-	-	
Kentish Town *W* - - - -	68198	33	25	5	3	2	1	-	1	4	-	-	-	-	3	3	
Islington West HHH - - -	97801	68	29	7	7	1	1	-	-	1	-	1	-	1	3	6	
Islington East *Ww*H - - - -	115948	62	37	6	13	-	-	2	-	1	-	-	-	-	-	2	
Stoke Newington L - - - -	9810	7	5	3	1	-	1	-	-	-	-	-	-	-	1	1	
Stamford Hill - - - - -	6599	5	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
West Hackney - - - - -	28076	22	10	3	2	1	1	-	-	-	-	-	-	-	-	-	
Hackney *Ww*HHL - - - -	50087	27	23	5	-	1	-	1	-	1	-	1	1	1	4	5	
South Hackney L - - - -	30305	19	7	3	2	-	-	-	-	-	-	-	-	-	1		
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - -	17843	12	3	1	-	-	-	-	-	-	-	-	-	1	-	-	
St. Giles South *WH* - - -	19089	9	10	1	2	-	-	-	-	-	-	-	-	-	-	2	
St. Giles North - - - -	16497	5	9	2	1	-	-	-	-	-	-	-	-	1	1	1	
Long Acre - - - - -	11326	11	4	1	-	-	-	-	-	-	-	-	-	-	1	1	
Charing Cross H - - - -	9831	1	6	1	-	-	-	-	-	-	-	-	-	-	1	2	
St. Mary-le-Strand - - - -	9376	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - -	10711	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	
St.George-the-Martyr HHH - -	20521	11	14	3	6	-	-	-	-	1	-	-	-	-	-	1	
St. Andrew East Holborn *W* - -	13528	5	11	1	5	-	-	-	-	-	-	-	-	1	-	-	
Saffron Hill - - - - -	9051	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W* - -	18912	12	7	2	1	-	-	-	-	-	-	-	-	1	-	-	
Amwell Clerkenwell - - -	16878	12	7	3	-	-	-	-	-	3	-	-	-	-	-	-	
Pentonville - - - - -	13293	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Goswell-street - - - - -	16220	7	5	3	1	-	-	-	-	1	-	-	-	-	1	1	
Old-street H - - - - -	12156	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road *W*HHL - - - -	18291	14	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street - - - -	18790	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - - - -	10732	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph East London HH -	14484	10	5	1	2	-	1	-	-	-	-	-	-	-	-	1	
Cripplegate - - - - - -	13639	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - - -	7562	4	15	3	1	-	1	-	-	-	-	-	-	-	2	4	1
St. Bride *W* - - - - -	11184	8	4	-	1	-	-	-	-	-	-	-	-	1	1	1	
Castle Baynard - - - - -	4389	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch - - - - -	6308	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe - - - - -	4744	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - - -	5694	1	3	-	1	-	-	1	-	-	-	-	-	-	-	-	
Broad Street - - - - -	7838	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 22d June 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	9	7	3	2	–	–	–	–	–	–	–	–	–	1	2	–
St. Leonard Shoreditch HL†	16545	11	6	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Hoxton New Town *w*	27832	22	13	2	5	–	–	–	–	–	–	–	–	1	1	–	3
Hoxton Old Town	26944	17	8	3	2	–	1	–	–	1	–	–	–	–	3	5	2
Haggerstone West *W*	24153	17	14	5	3	–	–	–	–	1	–	–	–	–	–	–	–
Haggerstone East	19257	16	9	1	1	–	–	–	–	1	–	–	–	–	2	4	–
Hackney-road	29808	22	6	4	–	–	–	–	–	2	–	–	–	–	–	–	–
Green, Bethnal Green *WHL*†	42443	28	12	3	1	–	–	–	–	–	–	1	–	1	–	–	2
Church, Bethnal Green	26574	19	7	–	2	–	–	–	–	–	–	–	–	–	–	–	–
Town, Bethnal Green	21375	16	7	1	–	–	–	1	–	1	–	–	–	–	–	–	–
Artillery Whitechapel	6651	7	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Spitalfields	15844	9	7	1	1	–	1	–	–	–	–	1	–	–	–	1	–
Mile End New Town *W*	15550	17	10	5	4	–	2	–	–	–	–	–	–	–	–	–	7
Whitechapel North	11434	6	5	2	1	–	–	–	–	–	–	–	–	1	–	–	–
Whitechapel Church H	7323	7	17	3	2	–	–	–	–	1	–	–	–	–	3	3	15
Goodman's Fields	10381	6	4	1	2	–	–	–	–	–	–	–	–	1	–	–	–
Aldgate	9149	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary St. George East	17906	4	3	1	1	–	–	–	–	–	–	–	–	–	1	1	–
St. Paul St. George East	21356	11	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. John St. George East *W*	8973	6	6	1	1	–	–	–	–	–	–	–	–	–	–	–	3
Shadwell	11623	7	6	–	1	–	–	–	–	–	–	–	1	–	–	–	–
Ratcliff H	15930	10	6	1	1	–	–	–	–	1	–	–	–	1	–	–	1
Limehouse *W*	30025	12	4	2	–	–	–	–	–	1	–	–	–	–	2	2	–
Mile End Old Town West	38126	31	11	4	1	–	1	–	–	1	–	–	–	–	–	1	–
Mile End Old Town East *WwH*	55020	37	16	4	1	2	–	–	–	2	–	–	–	–	–	1	1
Bow *WwwHL*†	67777	49	25	6	4	1	2	–	1	–	–	–	1	–	1	1	6
Poplar *WW*	48500	39	21	4	3	3	1	–	–	–	–	–	–	–	3	9	–
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	13	4	1	1	–	1	–	–	–	–	–	–	–	–	–	–
St. Saviour Southwark H	15667	7	8	–	3	–	–	–	–	–	–	–	–	–	–	–	1
Kent-road	20430	11	8	3	3	1	–	–	–	1	–	–	–	–	–	–	–
Borough-road *WH*	16694	13	11	2	3	–	–	–	–	2	–	–	–	–	–	–	2
London-road L	18959	12	7	2	1	–	–	–	–	–	–	–	1	–	–	–	–
Trinity Newington	23673	15	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Peter Walworth *W*	48232	19	23	1	9	–	1	–	–	1	–	–	1	–	–	–	8
St. Mary Newington	16786	11	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Olave Southwark H	4157	3	5	1	–	–	–	–	–	–	–	–	–	–	–	–	4
St. John Horsleydown *W*	10595	3	10	2	2	–	–	–	–	–	–	–	–	–	1	2	3
Leather Market	16785	11	4	1	–	1	–	–	–	1	–	–	–	–	–	–	–
St. Mary Magdalen *W*	15707	13	7	2	1	–	–	–	–	1	–	–	–	–	–	–	2
St. James Bermondsey	47921	39	14	4	3	–	–	–	–	–	–	–	–	1	1	1	–
Rotherhithe *W*	25873	15	17	3	2	–	1	–	–	–	–	–	1	1	1	2	1
Waterloo-road 1st H	14086	6	5	1	2	–	–	–	–	–	–	–	–	1	–	–	–
Waterloo-road 2nd H	18453	15	4	1	1	–	–	–	–	–	–	1	–	–	–	–	–
Lambeth Church 1st H	19470	15	11	1	3	1	–	–	–	–	–	–	–	–	–	–	8
Lambeth Church 2nd *W*	35831	27	23	3	3	–	1	–	–	–	–	–	–	1	–	–	10
Kennington 1st *W*	41284	27	20	9	4	1	–	–	–	2	–	–	–	1	–	–	–
Kennington 2nd	31213	12	6	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Brixton HL	35131	27	15	5	1	4	1	–	–	–	1	–	–	–	–	–	3
Norwood *W*	12534	12	6	1	–	–	–	–	–	–	–	–	–	1	–	–	–
Clapham HL	27348	17	9	2	2	–	–	–	–	–	–	–	–	–	–	1	–
Battersea *W*	53988	48	21	6	2	–	–	–	–	2	–	–	1	–	1	1	4
Wandsworth HL	19797	7	5	–	1	1	–	–	–	–	–	–	–	–	–	1	3
Putney	9438	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Streatham	14479	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dulwich	4041	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Camberwell *WL*†*L*†	31251	22	18	1	9	–	–	–	–	3	–	–	–	–	–	–	7
Peckham *W*	42159	33	12	1	4	–	–	–	–	–	–	–	–	–	2	3	–
St. George Camberwell	33851	16	11	2	3	–	2	–	–	–	1	–	–	–	–	–	–
St. Paul Deptford	53696	30	15	5	4	3	–	–	1	1	–	–	–	–	–	–	–
St. Nicholas Deptford	6487	3	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Greenwich West	21098	15	7	1	1	–	–	–	–	–	–	1	–	–	–	–	–
Greenwich East *WH*	19320	11	13	2	3	–	1	–	–	–	–	–	–	–	–	–	9
Eltham	4528	5	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Lee	16430	4	8	1	4	–	–	–	–	2	–	–	–	–	–	–	–
Lewisham Village *W*	11508	11	5	–	2	–	–	–	–	–	–	1	–	–	–	–	–
Sydenham	19016	13	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charlton H	9503	11	7	3	1	–	1	–	–	–	–	–	–	–	–	–	1
Woolwich Dockyard	17229	10	4	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Woolwich Arsenal H	18319	9	3	1	–	–	–	–	–	–	–	–	–	–	–	–	1
Plumstead, West	13028	12	2	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Plumstead, East *W*	15290	3	7	1	1	–	–	–	–	–	–	–	–	–	–	–	5

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22d JUNE, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	16	..	30·099	85·6	56·1	29·5	69·5	58·3	145·8	50·1	62·4	59·8	11·2	23·5	1·5	+10·5	68	WSW.	WSW. & ESE.	0·4	0·0	0·0	131	0·00	..
MONDAY . .	17	..	29·975	86·0	57·1	28·9	71·8	57·8	150·0	51·8	64·3	61·0	14·0	23·3	0·2	+12·8	61	Calm & SSW.	S. & SSE.	0·6	0·0	0·0	99	0·00	..
TUESDAY .	18	..	29·806	84·2	57·9	26·3	70·4	58·5	139·7	52·2	66·2	62·3	11·9	21·1	1·5	+11·3	66	SE. & S.	ESE.	1·3	0·0	0·1	170	0·00	..
WEDNESDAY	19	..	29·665	79·2	57·2	22·0	67·8	61·3	142·7	51·3	67·4	63·8	6·5	13·3	1·9	+ 8·6	80	E. & ESE.	WSW. & W.	1·2	0·0	0·1	192	0·12	..
THURSDAY.	20	..	29·817	74·2	57·6	16·6	64·4	55·6	131·0	54·8	67·2	64·6	8·8	17·2	1·1	+ 4·9	73	WSW. & NW.	NNW. & NNE.	1·3	0·0	0·1	200	0·03	..
FRIDAY . .	21	Full	29·801	74·4	52·7	21·7	62·4	54·1	140·4	46·1	67·2	64·6	8·3	19·3	0·6	+ 2·5	74	Calm & SW.	SW.	3·3	0·0	0·6	258	0·04	..
SATURDAY.	22	Greatest Dec. S. Perigee	29·882	71·3	51·7	19·6	59·5	46·5	132·6	46·5	66·2	63·6	13·0	22·5	2·2	— 0·8	62	W. & WNW.	W. by N. & WSW.	5·6	0·0	0·7	392	0·00	..
MEANS . .		..	29·864	79·3	55·8	23·5	66·5	56·0	140·3	50·4	65·8	62·8	10·5	20·0	1·3	+ 7·1	69	Variable.		..	..	..	Sum 1442	Sum 0·19	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JUNE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	16	No electricity shown.	Cloudy occasionally. Very fine. Haze and dew.
MONDAY .	17		Very fine and cloudless at times till the evening; then cloudy. A little rain fell about 3h. A thunder-storm occurred at Bradford.
TUESDAY .	18		Cloudless in early morning and again at night. Dense clouds came up about 6h. P.M. and distant thunder was heard. Very fine. Heavy thunder-storms occurred at Birmingham, Wolverhampton, Leicester, and Bradford. Large pieces of ice fell at Birmingham, and at Bradford 1·52 inch of rain fell between 2h. 25m. P.M. and 3h. 15m. P.M. Rain again fell after this, and the total fall for the day was 2·49 inches.
WEDNESDAY	19	Strong positive, with sparks and galvanic currents about 1h. P.M.	Cloudy generally. Rain fell heavily about 1h. P.M., and occasionally afterwards. Thunder-storms occurred at Birmingham, Wolverhampton, and Bradford.
THURSDAY .	20	Weak negative at noon, positive at night.	Cloudy and hazy till noon. Fine, and light clouds present afterwards. Rain fell about midnight.
FRIDAY .	21	No electricity shown.	Rain fell in early morning. Fine and nearly cloudless at times till noon. Generally overcast afterwards.
SATURDAY .	22	Negative, with variable tension during the day; moderate positive at night.	Cloudy but fine till the evening; then nearly cloudless.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30·05 in. at the beginning of the week to 30·12 in. by noon on the 16th; decreased to 29·64 in. by 3h. P.M. on the 19th; increased to 29·87 in. by 9h. P.M. on the 20th; decreased to 29·74 in. by 9h. P.M. on the 21st; and was 29·93 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
1st July 1872.

United Kingdom.

During the week ending Saturday last, 5480 *births* and 2842 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 20 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 26 per 1000 persons living, in Glasgow 29 per 1000, and in Dublin 32 ; the deaths from small-pox in Dublin, which in the two previous weeks had been 25 and 28, further rose last week to 36.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 17 per 1000; Portsmouth 22, Norwich 21, Bristol 15, Wolverhampton 22, Birmingham 17, Leicester 31, Nottingham 22, Liverpool 22, Manchester 23, Salford 22, Oldham 21, Bradford 19, Leeds 17, Sheffield 20, Hull 17, Sunderland 23, and Newcastle-upon-Tyne 24. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 129 and 87, rose again last week to 110; of these, 43 occurred in London, 21 in Portsmouth, and 18 in Leicester. The annual death-rate from this disease was equal to 9 per 1000 each in Portsmouth and Leicester, 2 in Bristol, and one each in Sheffield and Birmingham.

London.

In London 2147 births and 1070 deaths were registered last week. After making due allowance for increase of population, the births were 94, and the deaths so many as 345, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been equal to 19 per 1000, declined to 17 last week. So low a death-rate has not prevailed in London in any week since the beginning of 1865. The rate, after distribution of the deaths in institutions in proportion to population, was 16 per 1000 in the West, 16 in North, 18 in the Central, 18 in the East, and 17 in the South groups of Districts.

The 1070 deaths included 43 from small-pox, 33 from measles, 11 from scarlet fever, 44 from whooping-cough, 20 from different forms of fever (of which 2 were certified as typhus, 14 as enteric or typhoid, and 4 as simple continued fever), 37 from diarrhœa, and not one from diphtheria; thus to the seven principal diseases of the zymotic class 188 deaths were referred, against 164 and 183 in the two preceding weeks. The fatal cases of small-pox and diarrhœa showed an increase, while those of most of the other zymotic diseases had declined. The deaths referred to diarrhœa, which in the two previous weeks had been 16 and 25, further rose last week to 37, which, however, were no less than 57 below the corrected average number in the corresponding week of the last ten years; 28 were of infants under one year of age. Two deaths of infants last week were certified from simple cholera.

The fatal cases of small-pox, which in the two previous weeks had been 37 and 26, rose again last week to 43, including no less than 26 which were returned as unvaccinated. In the special small-pox hospitals 21 deaths were recorded, against 9, 11, and 3 in the three preceding weeks. Out of those institutions, 4 deaths were referred to this disease in Poplar, and 2 in St. Paul Deptford sub-districts.

The mean temperature, which on Monday was 65°·3 and 4°·1 above the average, was below the average on each succeeding day, and was only 56°·9 on Wednesday, or in defect by 4°·8. Rather less than half an inch of rain fell at the Royal Observatory, Greenwich, raising the measured fall in the first half of this year to 12·3 inches, showing an excess of rather more than an inch and a half upon the average fall in 56 years for this portion of the year.

Diseases of the respiratory organs, including phthisis, caused but 292 deaths last week, against numbers declining in the four preceding weeks from 413 to 352; this number was 40 below the corrected average for the corresponding week in the last ten years. The 60 fatal cases of bronchitis showed a decline of 48 upon those returned in the previous week.

The deaths registered last week included five of persons aged 90 years and upwards, including that of a pewterer, in the Greenwich Workhouse, whose age was stated at 102 years.

To different forms of violence 55 deaths were referred; 49 were the result of negligence or accident, including 23 from fractures and contusions, 5 from burns and scalds, 11 from drowning, 2 from poison, and 5 from suffocation. The death of the child of a shoemaker in Haggerstone East was referred to apoplexy, caused by sunstroke. Five cases of suicide, and one of infanticide, were registered during the week.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 51 cases of injury and maiming from this class of accidents came under the notice of the Police within the London Registration area during the seven days ending 30th ultimo; of these, 44 occurred in the Metropolitan, and 7 in the City Police Districts.

In the large Public Institutions 207 deaths were recorded, or 19 per cent. of the total deaths; of these 104 occurred in Workhouses and 94 in Hospitals.

Dr. Frankland, in his usual monthly Report upon the quality of the London Water Supply, is able to state that the improvement in the Thames water noticed during May was maintained in June. The water drawn from the main of the East London Company on the 12th June contained, however, floating particles and moving organisms, arising probably from foulness in the main, rather than from imperfect filtration. All the other Companies delivered clear and transparent water. Taking unity to represent the amount of organic impurity contained in a given quantity of the Kent Company's water delivered in June, the proportional quantity contained in the water of the other Metropolitan Companies was: New River 1·8, West Middlesex and East London 2·9, Chelsea 3·1, Southwark and Lambeth 3·3, and Grand Junction 3·7. Major Bolton, the Water Examiner to the Board of Trade, reports, that owing to the heavy rainfall in May the water of the Thames between the middle of May and the middle of June, at the intake of the London Water Companies drawing their supply from the Thames, was generally more or less turbid. With the exception of the West Middlesex, the storage reservoirs of the Companies are insufficient to allow them to avoid taking in turbid water. Additional reservoir capacity is, however, now in course of construction by several of the Companies. The recent scarcity of water in Bermondsey is reported to have been due to this deficiency of storage reservoirs on the part of the Southwark and Vauxhall Company. Dr. Hill reports that the Birmingham water in June was more turbid, and contained a larger quantity of all forms of nitrogen than during May.

Indian Cities.

In Bombay the deaths registered during the week ending 28th May were 391, and the annual death-rate was equal to 32 per 1000 of the recently enumerated population; 67 fatal cases of small-pox occurred, against 69 and 94 in the two previous weeks. In Madras the 269 deaths in the week ending 17th May showed an annual death-rate equal to 35 per 1000.

Foreign Cities.

In Paris 689 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 20 per 1000 of the estimated population. In Brussels 61 deaths occurred in the week ending the 22d ultimo, and the annual death-rate was 17 per 1000. In Berlin during the week ending last Thursday, 572 deaths were recorded, showing an annual rate of 36 per 1000. Dr. Zuelzer in forwarding the return for Berlin reports that in Chotin (Bessarabia) between 9th and 12th of June 162 persons were attacked with cholera, of whom 42 died. In Rome 194 deaths were registered in the week ending June 16th, and the annual death-rate was 41 per 1000.

In the City of New York 560 deaths were registered in the week ending June 8th, and the equivalent annual rate of mortality was 31 per 1000; 36 deaths were referred to cerebro-spinal meningitis, against 42 and 31 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·71 in.; the highest reading was 29·96 in. on Sunday morning, the 23d ultimo, and the lowest 29·45 in. on Tuesday afternoon. The mean temperature of the *air* was 60°·3, or 1°·1 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Monday was 65°·3, and showed an excess of 4°·1, while on Wednesday it had fallen to 56°·9 or 4°·8 below the average; on most of the other days the mean was below the average. The highest day temperature in the shade was 78°·7 on Monday, and the lowest night temperature 46°·8 on Sunday; the entire range in the week was, therefore, 31°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 149°·0 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 9°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 65°·6. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 13 miles per hour. *Rain* fell on Tuesday, Wednesday, and Thursday, to the amount of ·45 of an inch, of which ·39 was measured on Wednesday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 57°·0 in Portsmouth, to 60°·3 in Nottingham; the lowest recorded night temperature was 44°·4 in both these towns, and the highest day temperature in the shade 80°·0 in Leicester. Rain was measured in each of these towns; the amounts varied from ·05 of an inch in Portsmouth, to 2·69 inches in Wolverhampton.

In Centigrade degrees the mean temperature of the air at Greenwich was 15°·7, or 0°·6 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 25°·9, the lowest night temperature 8°·2, and the highest temperature in the sun 65°·0. The wind blew at the rate of 21 kilometres an hour, and the rain-fall measured 1·14 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 253,625 cubic metres, and at Barking 291,994 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of May 1872: according to their returns, 107,859,997 gallons or 490,058 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 217·4 gallons (98·8 decalitres), rather less than a *ton* by weight, to each house, and 30·6 gallons (13·9 decalitres) to each person, against 31·4 in the corresponding month of last year.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of May 1872, it may be estimated that about 88,445,198 gallons were probably used for domestic purposes, or about 25·1 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	May 1871.	May 1872.	May 1871.	May 1872.
Total Supply	487,198	496,099	108,692,357	107,859,997
From Thames	226,490	231,370	56,310,864	57,072,058
From Lea and from other Sources	260,708	264,729	52,381,493	50,787,939
Thames.				
Chelsea	27,838	28,154	8,449,400	8,840,000
West Middlesex	41,978	43,398	9,019,259	9,792,872
Southwark and Vauxhall	78,406	78,865	16,432,572	16,420,408
Grand Junction	31,820	33,013	11,336,133	11,685,878
Lambeth	46,448	47,940	10,473,500	10,332,900
Lea and other Sources.				
New River	118,721	120,107	24,706,000	23,919,000
East London	101,852	103,513	19,807,000	19,947,600
Kent	40,135	41,109	7,868,493	6,921,339

Note.—The Return for May 1872, as compared with that for the corresponding month of 1871, shows an increase of 8,901 houses, and a decrease of 832,360 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for June.

Sir, *Royal College of Chemistry, 29th June* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of June. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The Thames water delivered in London has maintained the improved quality which I reported in May.

The water drawn from the main of the East London Company, on the 12th instant, contained floating particles and moving organisms. These impurities arose apparently from foulness in the Company's main and not from imperfect filtration. The mains require flushing out from time to time. The remaining Companies delivered clear and transparent water.

Of the impurities present in the London waters, the most objectionable is organic matter: of this, the Kent Company's water, drawn from deep wells in the chalk, contained a very small proportion, and the New River Company's water, obtained partly from wells and springs in the chalk and partly from the River Lea, contained the next smallest proportion. Taking the amount of this impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the remaining Metropolitan Companies was:—New River 1·8, West Middlesex and East London 2·9, Chelsea 3·1, Southwark and Lambeth 3·3, and Grand Junction 3·7.

The evidence of previous sewage or animal contamination exhibited by the Kent Company's *deep well* water may be safely disregarded, but that exhibited by the *river* waters supplied by the other Metropolitan Companies has a grave significance.

Dr. Hill reports that the water supplied to Birmingham has undergone a great change for the worse since May. On the 5th instant it was turbid, and this turbidity which was very marked, was accompanied by a great increase of all forms of nitrogen.

I am, &c.
E. Frankland.

The Registrar General, &c., &c.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	12th June, Cab Rank, Horse Guards	14·7	25·28	·150	·032	·000	·187	·219	1550	2·10	21·2
West Middlesex	12th June, Cab Rank, Portland-road	15·5	26·08	·147	·023	·001	·158	·182	1270	1·70	22·1
Southwark and Vauxhall	12th June, Cab Rank, St. George's Church, Borough.	15·8	24·92	·166	·029	·000	·157	·186	1250	1·80	21·2
Grand Junction	12th June, Cab Rank, Woodstock-street.	14·4	25·40	·184	·033	·001	·162	·196	1310	1·85	21·2
Lambeth	12th June, Cab Rank, Westminster Bridge-road.	15·2	26·22	·168	·028	·000	·209	·237	1770	1·95	21·2
Other Sources.											
New River	12th June, Cab Rank, Tottenham-court-road.	15·0	24·28	·093	·015	·000	·182	·197	1500	1·70	21·8
East London	12th June, Royal Hotel, Mile-end-road.	14·4	27·76	·144	·026	·000	·137	·163	1050	2·05	22·1
Kent	12th June, Deptfd. Bdge. Police Stat.	14·2	42·44	·050	·009	·000	·510	·519	4780	2·60	30·0
Birmingham*	5th June, Birmingham Waterworks	—	28·22	·320	·046	·004	·331	·379	3022	1·71	14·43
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus: the Chelsea Company's water collected on the 12th June at the Horse Guards' cab-rank had a temperature of 14°·7 C.; 100,000 lbs. of it contained 25·28 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·150 lb. of carbon and ·032 lb. of nitrogen. The above quantity of water contained no ammonia and ·187 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·219 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1,550 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·10 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 21·2 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-SIXTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1807	1959	1993	1969	1919	2160	2169	2019	2213	2160	2037·4	2147
Males . .	897	1025	1051	1004	982	1084	1122	1046	1129	1099	1043·9	1079
Females .	910	934	948	965	937	1076	1047	973	1084	1061	993·5	1068
TOTAL **Deaths**	1066	1158	1297	1455	1400	1118	1454	1231	1359	1328	1286·6	1070
Males . .	540	619	663	747	694	603	767	654	693	678	665·8	580
Females .	526	539	634	708	706	515	687	577	666	650	620·8	490

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.
AL **Deaths** - - -	1559	1470	1410	1415	1387	1250	1268	1205	1336	1289	1207	1230	1070
ths under 5 years of age -	698	630	620	572	565	499	523	495	527	536	449	470	416
ths 5—20 - - -	95	109	95	110	108	103	91	91	83	90	97	85	88
ths 20—40 - - -	171	195	191	198	215	186	200	188	198	200	211	198	163
ths 40—60 - - -	261	238	219	250	260	201	215	204	241	220	217	217	203
ths 60—80 - - -	285	244	241	233	199	206	199	190	234	201	189	215	167
ths at 80 years & upwards	49	54	44	52	40	55	40	37	53	42	44	45	30
ths from Small-pox - -	65	49	48	41	62	39	54	54	37	27	37	26	43
,, ,, Measles - -	68	66	77	58	64	35	47	41	59	39	33	41	33
,, ,, Scarlet fever -	23	26	11	17	11	10	16	20	18	18	12	9	11
,, ,, Diphtheria -	3	6	7	7	6	9	5	5	10	4	3	6	—
,, ,, Whooping-cough	118	100	72	85	81	83	73	74	72	63	41	53	44
,, ,, Typhus fever -	3	2	3	3	5	4	2	1	3	8	1	2	2
,, ,, Enteric (or Typhoid) fever -	19	12	16	17	10	15	11	8	13	18	12	11	14
,, ,, SimpleContafever	2	4	3	6	5	8	12	7	12	7	9	10	4
,, ,, Diarrhœa - -	7	10	13	15	9	10	14	9	15	24	16	25	37
,, ,, Simple Cholera -	—	—	—	—	1	—	—	—	—	2	—	1	2
,, ,, Phthisis - -	152	190	175	178	193	165	174	150	186	172	181	160	159
,, ,, Bronchitis -	216	149	151	149	146	121	114	114	130	116	100	108	60
,, ,, Pneumonia -	83	91	78	91	62	58	63	59	72	76	53	52	41
,, ,, Heart Disease -	73	66	67	80	64	58	54	78	61	68	64	70	62
n Temperature of the Air	44°7	51°4	46°2	50°1	52°6	47°2	47°5	49°8	57°7	52°6	57°9	66°5	60°3
n Temperature of the Water of the Thames -	48·5	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6
nidity of the Air - - -	84	73	71	77	72	80	86	72	74	83	80	69	72
n-fall in inches - -	0·47	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33	0·19	0·45

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

he Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorocal observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of sgow Observatory; that for Dublin by the Registrar General of Ireland.

he following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar eral, and the results have been compiled by J. Glaisher, Esq., F.R.S. :—W. C. Ellis, Esq., F.M.S., Portsmouth; I. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverapton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., ffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F,M.S., Leeds; Mr. E. Peak, l; and Wm, Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 29th day of June 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 29th June 1872.	DEATHS registered during the Week ending 29th June 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5480	2842	80·0	43·0	58·3	14·61	1·02	2·5
LONDON	78,080	3,311,298	42·4	2147	1070	78·7	46·8	60·3	15·72	0·45	1·1
PORTSMOUTH	9,513	115,455	12·1	75	49	72·2	44·4	57·0	13·89	0·05	0·1
NORWICH	7,472	81,105	10·9	43	32	74·5	47·0	58·7	14·83	0·53	1·3
BRISTOL	4,688	186,428	39·8	123	54	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	29	73·5	45·2	57·7	14·28	2·69	6·8
BIRMINGHAM	7,831	350,164	44·7	265	117	75·8	49·0	58·1	14·50	1·36	3·4
LEICESTER	3,200	99,143	31·0	111	58	80·0	45·0	59·2	15·11	0·71	1·8
NOTTINGHAM	1,996	88,225	44·2	59	38	79·7	44·4	60·3	15·72	0·65	1·6
LIVERPOOL	5,108	499,897	97·9	401	210	71·1	45·6	57·1	13·94	0·97	2·4
MANCHESTER	4,486	352,759	78·6	286	153	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	78	54	74·5	45·2	57·4	14·11	1·60	4·0
OLDHAM	4,167	84,004	20·2	65	33	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	164	55	75·0	50·0	59·8	15·44	0·99	2·5
LEEDS	21,572	266,564	12·4	311	89	75·0	49·0	58·4	14·66	1·65	4·1
SHEFFIELD	22,830	247,847	10·9	249	95	77·0	48·5	58·2	14·55	1·37	3·4
HULL	3,562	124,976	35·1	80	41	74·0	46·0	58·5	14·72	0·76	1·9
SUNDERLAND	3,306	100,665	30·4	139	45	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	129	60	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	148	102	73·0	45·7	56·6	13·66	1·20	3·0
GLASGOW	5,063	489,136	94·8	357	268	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	194	190	70·9	43·0	57·1	13·94	0·39	0·9

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevai between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 29th day of June 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	19	2282	568	418	110	59	29	2	83	48	67	106	157	3
LONDON	17	1070	253	197	43	33	11	–	44	20	37	55	83	2
PORTSMOUTH	22	49	11	4	21	–	–	–	–	2	–	1	2	
NORWICH	21	32	9	7	1	1	–	–	–	1	–	–	2	
BRISTOL	15	54	8	16	8	–	–	–	–	1	–	3	3	
WOLVERHAMPTON	22	29	11	7	1	1	–	–	2	–	1	2	4	
BIRMINGHAM	17	117	30	22	7	–	2	1	3	5	2	5	8	1
LEICESTER	31	58	18	6	18	–	–	–	2	–	–	3	3	
NOTTINGHAM	22	38	9	7	1	–	–	–	–	1	1	1	1	
LIVERPOOL	22	210	49	49	1	14	8	–	13	7	6	10	17	4
MANCHESTER	23	153	41	24	–	–	2	1	8	1	7	11	18	1
SALFORD	22	54	18	6	–	–	3	–	3	1	–	1	1	
OLDHAM	21	33	10	3	–	–	–	–	1	–	4	–	1	
BRADFORD	19	55	16	5	–	4	–	–	–	1	–	3	2	
LEEDS	17	89	25	13	2	3	–	–	1	3	4	1	2	
SHEFFIELD	20	95	26	14	5	3	1	–	2	2	3	1	1	
HULL	17	41	9	8	–	–	–	–	2	1	–	–	–	
SUNDERLAND	23	45	9	11	–	–	1	–	1	2	2	5	5	
NEWCASTLE-ON-TYNE	24	60	16	19	2	–	1	–	1	–	–	4	4	1
DUBLIN	32	190	30	35	36	14	10	–	–	8	1	3	2	5

TABLE 5.—DEATHS Registered in LONDON in the TWENTY-SIXTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 29, 1872. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–5.	Under 20. 5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	59°4	60°3						
ALL CAUSES	1286·6	1070	416	88	163	206	167	30
SPECIFIED CAUSES	1270·1	1069	416	88	163	206	166	30
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox	38·4	43	21	13	8	1	-	-
Measles	39·7	33	26	7	-	-	-	-
Scarlet Fever (Scarlatina)	50·1	11	7	3	1	-	-	-
Diphtheria	8·5	-	-	-	-	-	-	-
Quinsy	·6	1	-	-	-	1	-	-
Croup	10·5	8	7	1	-	-	-	-
Whooping-cough	44·1	44	41	2	-	-	1	-
Typhus	41·8	2	-	1	-	-	1	-
Enteric or Typhoid Fever		14	2	5	5	2	-	-
Simple continued Fever		4	1	-	-	2	1	-
Erysipelas	5·4	6	4	-	1	-	1	-
Puerperal Fever (Metria)	3·0	3	-	-	3	-	-	-
Carbuncle	·4	2	-	-	-	-	2	-
Influenza	·2	-	-	-	-	-	-	-
Dysentery	2·2	1	-	-	-	-	1	-
Diarrhœa	85·4	37	31	-	-	4	2	-
Simple Cholera	6·1	2	2	-	-	-	-	-
Ague	·4	-	-	-	-	-	-	-
Remittent Fever	1·0	-	-	-	-	-	-	-
Rheumatism	5·6	6	-	2	1	2	-	1
Other *Zymotic* Diseases	·3	-	-	-	-	-	-	-
ORDER 2.								
Syphilis	5·9	13	11	1	1	-	-	-
Stricture of Urethra	1·0	-	-	-	-	-	-	-
Hydrophobia	---	-	-	-	-	-	-	-
Glanders	---	-	-	-	-	-	-	-
ORDER 3.								
Privation	·4	-	-	-	-	-	-	-
Want of Breast-milk	10·0	2	2	-	-	-	-	-
Purpura and Scurvy	2·3	1	1	-	-	-	-	-
Alcoholism { a Del. Tremens	1·8	3	-	-	-	2	1	-
Alcoholism { b Intemperance	1·0	3	-	-	-	3	-	-
ORDER 4.								
Thrush	3·9	2	2	-	-	-	-	-
Worms, &c.	·2	-	-	-	-	-	-	-
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout	1·8	2	-	-	-	-	2	-
Dropsy	11·9	5	-	-	-	-	4	1
Cancer	31·0	37	-	1	5	18	13	-
Cancrum Oris (Noma)	·7	1	1	-	-	-	-	-
Mortification	3·0	2	-	-	-	-	1	1
ORDER 2.								
Scrofula	9·8	7	4	1	2	-	-	-
Tabes Mesenterica	21·1	26	22	3	1	-	-	-
Phthisis	162·3	159	11	12	75	50	11	-
Hydrocephalus	29·4	21	17	4	-	-	-	-
I. LOCAL DISEASES.								
ORDER 1.								
Cephalitis	14·1	16	11	2	2	-	1	-
Apoplexy	35·9	39	1	-	4	13	19	2
Paralysis	23·1	25	-	-	3	8	13	1
Insanity	2·8	1	-	-	1	-	-	-
Chorea	·3	-	-	-	-	-	-	-
Epilepsy	5·6	5	-	1	2	1	1	-
Convulsions	44·4	39	38	1	-	-	-	-
Brain Disease, &c.	18·3	9	1	1	2	5	-	-
ORDER 2.								
Pericarditis	2·6	2	-	-	2	-	-	-
Aneurism	2·1	-	-	-	-	-	-	-
Heart Disease, &c.	54·4	62	2	4	7	28	21	-
ORDER 3.								
Laryngitis	3·9	6	3	1	-	1	1	-
Bronchitis	67·1	60	20	-	1	13	25	1
Pleurisy	2·7	7	-	1	3	2	1	-
Pneumonia	51·8	41	16	3	6	13	3	-
Asthma	4·3	3	-	-	1	2	-	-
Lung Disease, &c.	10·0	16	7	1	1	3	1	3
ORDER 4.								
Gastritis	1·3	-	-	-	-	-	-	-
Enteritis	5·6	2	-	-	1	-	1	-
Peritonitis	3·8	3	1	2	-	-	-	-
Ascites	2·3	2	-	-	-	1	-	1
Ulceration of Intestines	2·1	-	-	-	-	-	-	-
Hernia	3·3	2	-	-	1	-	1	-
Ileus	3·3	3	-	-	-	1	1	1
Intussusception	·8	1	1	-	-	-	-	-

CAUSES OF DEATH.	Average in the Twenty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, June 29, 1872. Deaths of Persons of the Ages: ALL AGES. Mean Tem.	Under 20. 0–5.	Under 20. 5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	59°4	60°3						
9. Stricture of Intestines	·5	2	-	1	-	1	-	-
10. Fistula	·2	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	5·3	6	2	-	1	-	3	-
12. *Pancreas Disease, &c.*	---	-	-	-	-	-	-	-
13. Hepatitis	4·0	3	-	-	1	2	-	-
14. Jaundice	3·4	5	3	-	-	1	1	-
15. *Liver Disease, &c.*	14·5	14	2	-	3	6	3	-
16. *Spleen Disease, &c.*	·6	1	-	1	-	-	-	-
ORDER 5.								
1. Nephritis	·8	1	1	-	-	-	-	-
2. Ischuria	·2	1	-	-	-	-	-	1
3. Bright's Disease (Nephria)	9·2	10	1	-	2	4	3	-
4. Diabetes	·6	4	-	1	-	2	1	-
5. Calculus (Stone)	·4	-	-	-	-	-	-	-
6. Cystitis	·9	1	-	-	-	1	-	-
7. *Kidney Disease, &c.*	7·0	2	-	-	1	1	-	-
ORDER 6.								
1. Ovarian Dropsy	·7	-	-	-	-	-	-	-
2. *Uterus Disease, &c.*	3·1	4	-	-	1	3	-	-
ORDER 7.								
1. Synovitis (Arthritis)	·1	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	4·7	2	1	-	-	-	1	-
ORDER 8.								
1. Phlegmon	·8	-	-	-	-	-	-	-
2. Ulcer	1·9	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·4	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth	22·0	20	20	-	-	-	-	-
2. Cyanosis	2·3	2	2	-	-	-	-	-
3. Spina Bifida	1·2	1	1	-	-	-	-	-
4. Other Malformations	1·9	1	1	-	-	-	-	-
5. Teething	15·9	6	6	-	-	-	-	-
ORDER 2.								
1. Paramenia	---	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	4·2	3	-	-	3	-	-	-
ORDER 3.								
1. Old Age	39·3	27	-	-	-	-	12	15
ORDER 4.								
1. Atrophy and Debility	61·8	53	49	1	-	-	3	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	21·3	23	4	2	5	5	6	1
2. Wounds { Gunshot	1·1	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		2	-	-	-	2	-	-
3. Burns and Scalds	3·1	5	2	1	-	-	1	1
4. Poison	·9	2	1	-	-	-	1	-
5. Drowning	7·7	11	-	8	3	-	-	-
6. Suffocation	6·6	5	4	-	-	1	-	-
7. Otherwise	2·7	1	1	-	-	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	3·1	1	1	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·1	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·1	2	-	-	2	-	-	-
2. Poison	1·7	1	-	-	-	-	1	-
3. Drowning	1·2	1	-	-	1	-	-	-
4. Hanging	2·2	1	-	-	-	1	-	-
5. Otherwise	·6	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging	---	-	-	-	-	-	-	-
Violent Deaths (not classed)	·7	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained)	3·0	-	-	-	-	-	-	-
Causes not specified or ill-defined	18·5	1	-	-	-	-	1	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													In Public Insti
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	
LONDON	3,251,804	2147	1070	253	197	43	33	11	–	44	2	14	4	37	55	83	2
WEST DISTRICTS	561,189	297	164	44	39	4	5	1	–	10	–	2	–	2	6	12	2
NORTH DISTRICTS	751,668	510	237	37	48	19	8	4	–	8	–	6	1	5	9	18	5
CENTRAL DISTRICTS	333,887	168	116	25	23	–	2	1	–	6	–	2	1	6	10	13	2
EAST DISTRICTS	638,928	448	241	67	39	6	8	–	–	5	1	4	2	13	14	20	5
SOUTH DISTRICTS	966,132	724	312	80	48	14	10	5	–	15	1	–	–	11	16	20	4
WEST DISTRICTS.																	
St. Mary Paddington *W*H	58702	35	16	5	4	–	1	1	–	–	–	1	–	1	–	–	
St. John Paddington H	38082	17	9	2	3	–	1	–	–	–	–	–	–	–	–	–	
Kensington Town *W*L	91583	51	25	6	8	–	1	–	–	1	–	–	–	1	1	2	
Brompton H	28651	12	3	–	–	–	1	–	–	–	–	–	–	–	–	–	
St. Peter Hammersmith	6662	2	4	2	–	–	–	–	–	1	–	–	–	–	1	1	
St. Paul Hammersmith H	36080	17	12	6	1	1	–	–	–	3	–	–	–	–	1	1	
Fulham *W*LLLL	23378	14	7	3	–	–	1	–	–	–	–	–	–	–	1	–	
Chelsea South HH	26419	21	7	4	1	–	–	–	–	–	–	–	–	–	1	1	
Chelsea North-west H*W*w	23278	15	10	2	4	–	–	–	–	1	–	–	–	–	1	2	
Chelsea North-east L	21389	12	9	3	1	1	–	–	–	2	–	–	–	–	–	–	
Hanover Square	18700	2	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
May Fair *W*	18020	5	7	–	2	–	–	–	–	2	–	–	–	–	–	1	
Belgrave HH	58043	34	19	2	5	1	–	–	–	–	–	–	–	–	1	4	
St. John Westminster HHH	38470	21	4	1	–	1	–	–	–	–	–	–	–	–	–	–	
St. Margaret Westminster *W*WHH	27640	9	15	2	5	–	–	–	–	–	–	1	–	–	–	–	
St. James's Square	10453	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	8	6	2	2	–	–	–	–	–	–	–	–	–	–	–	
Berwick-street	10279	11	3	1	1	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	5	4	3	1	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28374	15	7	–	2	–	–	–	–	–	–	–	–	–	–	–	
Cavendish Square	15419	6	3	1	–	–	1	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *W*H	26387	9	14	1	6	–	–	–	–	–	–	–	–	1	–	–	
St. Mary Marylebone H	21795	18	6	–	–	–	–	–	–	–	–	1	–	–	–	–	
Christchurch Marylebone	33892	24	9	1	–	1	–	–	–	–	–	–	–	–	–	–	
St. John Marylebone	33110	19	8	1	4	–	–	–	–	2	–	–	–	–	–	–	
Hampstead *W*HH	32271	17	17	4	–	9	–	–	–	–	–	–	–	2	–	–	1
Regent's Park Pancras	38192	28	12	2	3	–	–	1	–	–	–	–	–	1	1	1	
Tottenham-court *w*H	29360	15	10	1	1	–	–	–	–	1	–	–	–	–	–	–	
Gray's Inn Lane H	29216	32	13	6	2	–	2	–	–	2	–	–	–	–	3	4	
Somers Town	38562	39	10	1	–	–	1	–	–	1	–	–	–	1	–	1	
Camden Town *W*	18066	23	12	3	3	–	–	–	–	–	–	–	–	–	2	3	
Kentish Town *W*	68198	52	21	5	5	1	–	–	–	–	–	1	–	1	–	–	
Islington West HHH	97801	53	36	3	5	2	3	1	–	1	–	3	–	–	–	6	
Islington East *W*wH	115948	74	25	5	8	–	1	1	–	1	–	1	–	1	–	–	
Stoke Newington L	9810	10	2	–	1	–	–	–	–	–	–	–	–	–	1	1	
Stamford Hill	6599	3	3	–	2	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	22	9	1	2	1	–	–	–	–	–	–	–	–	–	1	
Hackney *W*wHHL	50087	36	14	1	2	4	–	1	–	–	–	–	–	–	1	1	
South Hackney L	30305	15	6	1	2	1	–	–	–	–	–	–	–	–	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	7	6	3	2	–	–	–	–	–	–	–	–	2	–	–	
St. Giles South *W*H	19089	18	9	1	2	–	–	–	–	1	–	–	–	–	–	–	
St. Giles North	16497	4	3	–	–	–	–	–	–	–	–	–	–	–	–	–	
Long Acre	11826	6	7	3	–	–	–	–	–	–	–	–	–	–	3	3	
Charing Cross H	9831	–	5	–	2	–	–	–	–	–	–	–	–	–	1	–	
St. Mary-le-Strand	9376	8	3	1	2	–	–	–	–	–	–	–	–	1	–	–	
St. Clement Danes H	10711	4	5	–	1	–	–	–	–	–	–	1	–	–	1	–	
St. George-the-Martyr HHH	20521	13	6	1	2	–	–	–	–	1	–	–	–	–	–	–	
St. Andrew East Holborn *W*	18528	9	10	2	3	–	–	–	–	–	–	–	–	1	1	–	
Saffron Hill	9051	5	1	1	–	–	–	–	–	–	–	–	–	–	1	1	
St. James Clerkenwell *W*	18912	12	5	3	–	–	–	–	–	–	–	–	–	–	–	–	
Amwell Clerkenwell	16878	9	8	3	–	–	–	–	–	1	–	–	–	–	–	1	
Pentonville	13293	4	1	–	–	–	–	–	–	1	–	–	–	–	–	–	
Goswell-street	16220	11	4	1	–	–	–	–	–	–	–	–	–	–	–	–	
Old-street H	12156	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
City-road *W*HHL	18291	15	11	1	2	–	–	–	–	–	–	1	–	1	–	2	
Whitecross-street	13790	7	5	3	1	–	–	1	–	–	–	–	–	1	–	1	
Finsbury	10732	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
St. Botolph East London HH	14484	8	5	–	1	–	1	–	–	–	–	–	–	–	–	1	
Cripplegate	13639	5	3	1	–	–	1	–	–	–	–	–	1	–	–	1	
St. Sepulchre H	7562	2	9	–	3	–	–	–	–	–	–	–	–	–	2	2	
St. Bride *W*	11184	4	3	–	–	–	–	–	–	2	–	–	–	–	–	–	
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	1	3	–	–	–	–	–	–	–	–	–	–	1	1		
Queenhithe	4744	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	2	2	1	1	–	–	–	–	–	–	–	–	–	–	1	
Broad Street	7838	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 29th June 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch – – –	12429	4	6	1	3	–	–	–	–	–	–	–	–	–	–	–	–
t. Leonard Shoreditch HL† – –	16545	10	12	6	1	–	1	–	–	–	–	–	–	1	2	1	1
oxton New Town *w* – – –	27832	29	13	3	2	1	–	–	–	–	–	1	–	–	–	–	2
oxton Old Town – – – –	26944	11	7	1	1	–	–	–	–	–	–	–	–	–	–	–	–
aggerstone West *W* – – –	24153	12	19	5	6	–	–	–	–	–	–	–	–	2	–	1	9
aggerstone East – – – –	19257	18	8	4	–	–	–	–	–	–	–	–	–	–	1	1	–
ackney-road – – – –	29808	21	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–
reen, Bethnal Green *W*HL† –	42443	31	12	3	3	–	–	–	–	–	–	–	–	1	–	–	3
hurch, Bethnal Green – –	26574	18	6	2	2	–	–	–	–	–	–	–	–	1	–	–	–
own, Bethnal Green – – –	21375	16	5	2	1	–	–	–	–	–	–	–	1	–	–	–	–
rtillery Whitechapel – – –	6651	4	3	2	–	–	–	–	–	–	–	1	–	–	–	–	–
ittlefields – – – –	15544	6	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
ile End New Town *W* – – –	15550	12	6	2	2	–	–	–	–	–	–	–	–	–	2	5	–
hitechapel North – – –	11434	8	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–
hitechapel Church H – –	7523	6	17	1	1	–	–	–	–	–	–	–	–	1	4	4	14
oodman's Fields – – – –	10681	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
ldgate – – – – –	9149	3	8	3	–	–	–	–	–	1	–	–	–	–	–	–	–
t. Mary St. George East – –	17906	12	4	2	–	–	–	–	–	–	–	–	–	1	–	1	–
t. Paul St. George East – –	21356	18	4	3	–	–	–	–	–	–	–	–	1	–	–	–	–
t. John St. George East *W* –	8973	5	5	–	2	–	–	–	–	–	–	1	–	–	1	1	3
adwell – – – – – –	11623	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
atcliff H – – – – –	15930	14	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
imehouse *W* – – – –	30025	22	10	6	1	–	1	–	–	–	–	–	–	1	–	1	–
ile End Old Town West – –	38123	37	14	2	3	–	–	–	–	–	–	–	–	–	1	1	–
ile End Old Town East *W*H	55020	41	14	1	1	–	1	–	–	1	–	–	–	–	2	2	1
ow *W*ickHL† – – – – –	67777	44	38	5	9	1	3	–	–	3	–	1	1	3	2	3	14
oplar *WW* – – – – –	48500	36	14	5	–	4	2	–	–	–	1	–	–	1	1	1	3
SOUTH DISTRICTS.																	
hristchurch Southwark *W* –	14547	13	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
t. Saviour Southwark H – –	15667	5	5	1	–	–	–	–	–	–	–	–	–	–	1	–	–
ent-road – – – – –	20430	19	7	3	–	–	1	–	–	1	–	–	–	–	–	–	–
orough-road *W*H – – –	16694	15	2	1	–	–	–	–	–	1	–	–	–	1	–	–	–
ondon-road L – – – –	18959	18	8	6	–	1	–	–	–	–	–	–	–	1	–	–	–
rinity Newington – – –	23673	21	7	4	1	–	–	–	–	–	–	–	–	–	–	–	–
t. Peter Walworth *W* – –	48232	66	10	3	1	–	–	–	–	–	–	–	–	–	–	–	–
t. Mary Newington – – –	16786	15	4	1	1	–	–	–	–	–	1	–	–	–	–	–	–
t. Olave Southwark H – –	4157	3	4	–	2	–	–	–	–	–	–	–	–	–	4	4	3
t. John Horsleydown *W* – –	10595	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
eather Market – – – –	16785	13	7	1	–	–	–	–	–	1	–	–	–	–	1	1	–
t. Mary Magdalen *W* – – –	15707	14	5	–	2	–	–	–	–	1	–	–	–	–	–	–	1
t. James Bermondsey – – –	47921	38	12	4	3	1	–	–	–	1	–	–	–	–	–	–	–
otherhithe *W* – – – –	25873	21	12	4	1	–	–	2	–	–	–	–	–	2	2	2	–
aterloo-road 1st H – – –	14086	11	6	2	–	–	–	1	–	–	–	–	–	–	1	1	1
aterloo-road 2nd H – – –	18453	21	5	2	1	1	–	–	–	–	–	–	–	1	–	–	1
ambeth Church 1st H – –	19470	11	15	2	3	1	–	–	–	–	–	–	–	–	1	2	10
ambeth Church 2nd *W* – –	35831	36	17	7	2	–	1	–	–	–	–	–	–	2	2	2	4
ennington 1st *W* – – –	41284	26	10	3	3	–	–	–	–	1	–	–	–	–	–	–	–
ennington 2nd – – – –	31213	21	6	1	2	–	–	–	–	1	–	–	–	–	–	–	–
rixton HL – – – – –	35431	14	18	3	3	6	1	–	–	1	–	–	–	–	–	–	6
orwood *W* – – – – –	12534	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
lapham HL – – – – –	27348	18	7	–	2	1	–	–	–	2	–	–	–	–	–	–	1
attersea *W* – – – – –	53988	33	23	2	6	–	2	–	–	1	–	–	–	2	2	2	3
andsworth HL – – – – –	19797	14	9	2	–	–	–	–	–	1	–	–	–	1	1	2	4
utney – – – – – –	1438	4	1	–	–	–	–	–	–	–	–	–	–	–	1	1	–
treatham – – – – –	14479	7	7	1	1	–	–	–	–	1	–	–	–	–	1	–	–
ulwich – – – – – –	4041	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
amberwell *WL*†L† – – –	31251	20	10	2	1	–	1	–	–	–	–	–	–	–	–	–	3
eckham *W* – – – –	42159	36	20	4	2	–	–	2	–	1	–	–	–	–	–	2	–
t. George Camberwell – – –	33851	25	10	2	2	1	–	–	–	–	–	–	–	–	–	–	–
t. Paul Deptford – – –	53696	45	16	6	2	2	–	–	–	1	–	–	–	–	–	–	–
t. Nicholas Deptford – –	6487	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
reenwich West – – – –	21098	11	5	2	2	–	–	–	–	–	–	–	–	–	–	–	–
reenwich East *WH* – – –	19320	13	8	–	2	–	2	–	–	–	–	–	–	–	–	–	4
ltham – – – – – –	4528	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ee – – – – – –	16430	5	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ewisham Village *W* – – –	11508	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
ydenham – – – – –	19016	11	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
harlton H – – – – –	9503	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
oolwich Dockyard – – – –	17229	14	7	2	–	–	2	–	–	–	–	–	–	–	–	–	–
oolwich Arsenal H – – – –	18319	17	4	2	–	–	–	–	–	–	–	–	–	1	–	–	–
lumstead West – – – – –	13028	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
lumstead East *W* – – – –	13290	12	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–

he following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – ,, ,, Tottenham-court sub-district.
London City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29th JUNE, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	23	..	29·906	76·1	46·8	29·3	60·9	47·8	149·0	38·7	68·6	64·8	13·1	20·2	1·1	+ 0·2	62	WSW.	SSW. & SSE.	0·7	0·0	0·0	148	0·00	..
MONDAY .	24	..	29·610	78·7	51·8	26·9	65·3	54·3	144·0	42·1	68·1	65·0	11·0	20·1	4·3	+ 4·1	68	ESE. & SE.	SSE. & SSW.	3·1	0·0	0·1	200	0·00	..
TUESDAY .	25	..	29·476	69·8	58·3	11·5	61·4	55·2	119·8	53·0	68·3	65·6	6·2	12·4	2·7	— 0·2	80	WSW. & SW.	SW. &W. by S.	4·5	0·0	0·6	351	0·03	..
WEDNESDAY	26	..	29·706	69·9	51·8	18·1	56·9	50·7	143·0	45·2	68·3	65·3	6·2	14·9	1·4	— 4·8	80	W.	WSW.	10·0	0·1	0·5	370	0·39	..
THURSDAY .	27	Last Qr.	29·821	70·5	49·7	20·8	58·0	51·2	127·3	43·4	67·2	63·8	6·8	13·1	1·5	— 3·6	78	WSW.	WSW.	1·9	0·0	0·5	362	0·03	..
FRIDAY . .	28	In Equator	29·651	73·7	55·2	18·5	61·5	52·4	147·0	54·1	65·2	62·0	9·1	17·9	2·4	0·0	72	SW. & WSW.	WSW.& W.	7·8	0·1	1·4	521	0·00	..
SATURDAY .	29	..	29·801	71·3	47·0	24·3	57·8	46·0	138·4	38·7	64·6	61·6	11·8	22·0	1·7	— 3·6	65	WSW. & WNW.	NNW. & NE.	0·9	0·0	0·1	214	0·00	..
MEANS . .		..	29·710	72·9	51·5	21·3	60·3	51·1	138·4	45·0	67·2	64·0	9·2	17·2	2·2	— 1·1	72	WSW.		..	..	..	Sum 2166	Sum 0·45	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JUNE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	23	Weak positive in morning.	A very fine day. Light clouds generally present. [Lightning observed at Liverpool in the evening.]
MONDAY .	24	Positive, with weak tension during the day; strong negative, with sparks and galvanic currents at night.	Very fine during the early portion of the day. Dense clouds came up at night, and a thunder-storm occurred, with frequent vivid flashes of lightning. Rain fell occasionally, but not to any amount. [Thunder-storms occurred at Birmingham, Norwich, Liverpool, and Bradford.]
TUESDAY .	25	No electricity shown.	Cloudy throughout. Occasional showers of rain, with strong breeze. [Thunder-storm at Wolverhampton.]
WEDNESDAY	26	Strong positive and negative, with sparks and galvanic currents at mid-day; weak negative at night.	A very variable day though fine morning and evening. Cloudy, and rain fell heavily between 1h. P.M. and 7h. P.M.
THURSDAY .	27	No electricity shown.	Dense clouds generally prevalent throughout. Fine. Rain fell about 11h. P.M.
FRIDAY .	28		Cloudy till night, then nearly cloudless. Strong wind.
SATURDAY .	29	No electricity.	A very fine day. Light clouds present till night, then cloudless.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·93 in. at the beginning of the week to 29·96 in. by 9h. A.M. on the 23d; decreased to 29·45 in. by 3h. P.M. on the 25th; increased to 29·84 in. by 9h. A.M. on the 27th; decreased to 29·64 in. by 9h. A.M. on the 28th; and was 29·84 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
8th July 1872.

United Kingdom.

During the week ending Saturday last, 4997 *births* and 2982 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 21 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 25 per 1000 persons living, in Glasgow 27 per 1000, and in Dublin 26. During the 26 weeks ending 29th ultimo no less than 1163 fatal cases of small-pox were registered in Dublin, equal to an annual death-rate of 7·6 per 1000, and averaging 45 per week; last week the number recorded was 20.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 24, Norwich 13, Bristol 18, Wolverhampton 17, Birmingham 17, Leicester 19, Nottingham 21, Liverpool 26, Manchester 24, Salford 16, Oldham 29, Bradford 22, Leeds 25, Sheffield 20, Hull 22, Sunderland 21, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 129, 87, and 110, declined again last week to 89; of which, 35 occurred in London, 15 in Portsmouth, 11 in Leeds, and 9 in Leicester. The annual death-rate from this disease was equal to 7 per 1000 in Portsmouth, 5 in Leicester, 2 in Leeds, and one each in Sheffield and Bristol.

London.

In London 2202 births and 1193 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 64, while the deaths were 244 below, the average numbers in the corresponding week of the last ten years. The deaths showed an increase of 123 upon the exceptionally low number returned in the previous week. The annual death-rate from all causes, which in the two preceding weeks had been 19 and 17 per 1000, rose again to 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 20 in the North, 20 in the Central, 19 in the East, and 17 in the South groups of Districts.

The 1193 deaths included 35 from small-pox, 42 from measles, 17 from scarlet fever, 3 from diphtheria, 46 from whooping-cough, 19 from different forms of fever (of which 3 were certified as typhus, 10 as enteric or typhoid, and 6 as simple continued fever), and 61 from diarrhœa; thus to the seven principal diseases of the zymotic class 223 deaths were referred, against 164, 183, and 188 in the three preceding weeks. The fatal cases of each of these diseases, excepting small-pox and enteric fever, showed an increase upon those returned in the previous week. The deaths referred to diarrhœa, from 16, 25, and 37, further rose to 61 last week, which were, however, no less than 74 below the corrected average number in the corresponding week of the last ten years; 48 were of infants under one year of age. Three deaths of infants, and one of an adult, were certified as resulting from choleraic diarrhœa, or simple cholera.

The fatal cases of small-pox, which in the two previous weeks had been 26 and 43, were 35 last week, including 12 which were recorded in the special small-pox hospitals, against 3 and 21 in the two preceding weeks. Out of those institutions, 3 deaths were referred to this disease in Bow, and 2 each in Kent Road and St. Paul Deptford sub-districts.

On Monday the mean temperature was 60°·5 and slightly below the average, while an excess prevailed on each of the other days; on Friday the mean was 70°·8, and 9°·1 above the average. The thermometer in the sun, with a blackened bulb in vacuo, rose above 150° on four days of the week, and on Friday to 158°·1.

Diseases of the respiratory organs, including phthisis, caused 298 deaths last week, against numbers declining steadily from 413 to 292 in the five preceding weeks; this number was 15 below the corrected average for the corresponding week in the last ten years.

The deaths of 2 infants in the district of Pancras, on whom inquests were held, were indirectly referred to over-crowding; the verdicts were,—in the case of the daughter of a coach trimmer, aged 3 months, "suffocation in bed, accelerated by want of space in sleeping-room, *post mort.*"; and in the case of the daughter of a firewood cutter, aged 20 months, "fainting of heart, after sickness, accelerated by over-crowding."

A horse-keeper, aged 35 years, died in University College Hospital on 3d instant, from glanders.

To different forms of violence 49 deaths were referred; 37 were the result of negligence or accident, including 10 from fractures and contusions, 2 from burns and scalds, 12 from drowning, and 9 from suffocation. Five cases of suicide, 2 of infanticide, and one each of murder and manslaughter, were registered during the week.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 49 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 7th instant; of these, 42 occurred in the Metropolitan, and 7 in the City Police Districts.

During the week 80 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 108 and 83 in the two preceding weeks; these showed a proportion to the total deaths of 7 per cent.

In the large Public Institutions 170 deaths were recorded, or 14 per cent. of the total deaths; of these, 72 occurred in Workhouses and 88 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending June 4th were 351, and the annual death-rate was equal to 28 per 1000 of the recently enumerated population; 56 fatal cases of small-pox occurred, against 94 and 67 in the two previous weeks. In Calcutta 197 deaths were returned in the week ending May 18th. In Madras the 230 deaths in the week ending May 24th showed an annual death-rate equal to 30 per 1000.

Foreign Cities.

In Paris 660 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 19 per 1000 of the estimated population. In Brussels 57 deaths occurred in the week ending the 29th ultimo, and the annual death-rate was 16 per 1000. In Berlin during the week ending last Thursday, 625 deaths were recorded, showing an annual rate of 39 per 1000; 218 deaths were referred to infantile diarrhœa, 12 to enteric fever, and 3 to relapsing fever; the prevalence of the latter disease is said to be on the increase. In Rome 150 deaths were registered in the week ending the 23d ultimo, and the annual death-rate was 32 per 1000.

Dr. Zuelzer reports from Berlin that cholera is fatally prevalent at Kiev on the Dnieper, in the Ukraine; during the two weeks ending 26th June, 1317 persons were attacked, of whom 532 died. The epidemic has been especially fatal among the pilgrims, who during the summer arrive in this town from all parts of Russia to visit a convent; the number of these pilgrims during the year is sometimes 200,000.

In the City of New York 632 deaths were registered in the week ending June 15th, and the equivalent annual rate of mortality was 35 per 1000; 35 deaths were referred to cerebro-spinal meningitis, against 31 and 36 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·87 in.; the highest reading was 30·08 in. on Thursday at noon, and the lowest 29·66 in. on Monday morning. The mean temperature of the *air* was 64°·5, or 3°·1 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week, except Monday, when it was only 60°·5, and slightly below the average; the warmest day was Friday when the mean was 70°·8, showing an excess of 9°·1. The highest day temperature in the shade was 85°·3 on Friday, and the lowest night temperature 44°·8 on Sunday the 30th ultimo; the entire range in the week was, therefore, 40°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 158°·1 on Friday. The difference between the mean *dew-point* and *air* temperature

averaged 11°·8. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 65°·0. The mean degree of *humidity* of the air was 66, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9 miles per hour. *Rain* fell on Monday, Tuesday, and Saturday, to the amount of ·31 of an inch.

The mean temperature of the week in the other large English towns furnishing returns, ranged from 59°·9 in Salford, to 63°·0 in Leicester; the lowest recorded night temperature was 42°·0 in both these towns, and the highest day temperature in the shade 86°·9 in Nottingham. Rain was measured in each in these towns; the amounts varied from ·02 of an inch in Newcastle, to 1·12 inches in Wolverhampton.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 224,048 cubic metres, and at Barking 252,839 cubic metres, equivalent to about as many tons by weight.

Table 1. LONDON.—**Births** and **Deaths** Registered last Week, and in the Twenty-seventh Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1715	1937	1876	1993	1950	1919	2093	1996	2026	1929	1943·4	2202
Males . .	862	995	967	1005	969	982	1050	1022	1057	979	988·8	1102
Females .	853	942	909	988	981	937	1043	974	969	950	954·6	1100
Total Deaths	1159	1187	1268	1536	1292	1130	1516	1279	1497	1200	1306·4	1193
Males . .	599	662	678	810	688	572	773	643	800	618	684·3	602
Females .	560	525	590	726	604	558	743	636	697	582	622·1	591

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—Comparative Table of Results in the Last Thirteen Weeks.

	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.
Total Deaths - - -	1470	1410	1415	1387	1250	1268	1205	1336	1289	1207	1230	1070	1193
Deaths under 5 years of age -	630	620	572	565	499	523	495	527	536	449	470	416	518
Deaths 5—20 - - -	109	95	110	108	103	91	91	83	90	97	85	88	89
Deaths 20—40 - - -	195	191	198	215	186	200	188	198	200	211	198	163	197
Deaths 40—60 - - -	238	219	250	260	201	215	204	241	220	217	217	206	178
Deaths 60—80 - - -	244	241	233	199	206	199	190	234	201	189	215	167	173
Deaths at 80 years & upwards	54	44	52	40	55	40	37	52	42	44	45	30	38
Deaths from Smallpox - -	49	48	41	62	39	54	54	37	27	37	26	43	35
" " Measles - -	66	77	58	64	35	47	41	59	39	33	41	33	42
" " Scarlet Fever -	26	11	17	11	10	16	20	18	18	12	9	11	17
" " Diphtheria -	6	7	7	6	9	5	5	10	4	3	6	—	3
" " Whooping-cough	100	72	85	81	83	73	74	72	63	41	53	44	46
" " Typhus fever -	2	3	3	5	4	2	1	3	8	1	2	2	3
" " Enteric (or Typhoid) fever -	12	16	17	10	15	11	8	13	18	12	11	14	10
" " Simple Contd fever	4	3	6	5	8	12	7	12	7	9	10	4	6
" " Diarrhœa - -	10	13	15	9	10	14	9	15	24	16	25	37	61
" " Simple Cholera -	—	—	—	1	—	—	—	—	2	—	1	2	4
" " Phthisis - -	190	175	178	193	165	174	150	186	172	181	160	159	166
" " Bronchitis - -	149	151	149	146	121	114	114	130	116	100	108	60	72
" " Pneumonia -	91	78	91	62	58	63	59	72	76	53	52	41	36
" " Heart Disease -	66	67	80	64	58	54	78	61	68	64	70	62	68
Mean Temperature of the Air	51°·4	46°·2	50°·1	52°·6	47°·2	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5
Mean Temperature of the Water of the Thames -	48·7	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0
Humidity of the Air - -	73	71	77	72	80	86	72	74	83	80	69	72	66
Rain-fall in inches - -	0·05	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33	0·19	0·45	0·31

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 6th day of July 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 6th July 1872.	DEATHS registered during the Week ending 6th July 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4997	2982	86·9	42·0	61·5	16·39	0·44	1·1
LONDON	78,080	3,311,298	42·4	2202	1193	85·3	44·8	64·5	18·05	0·31	0·7
PORTSMOUTH	9,513	115,455	12·1	85	53	77·6	46·8	60·2	15·66	0·14	0·3
NORWICH	7,472	81,105	10·9	29	20	85·2	45·0	62·5	16·94	0·23	0·5
BRISTOL	4,688	186,428	39·8	143	65	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	40	22	80·1	43·0	60·3	15·72	1·12	2·8
BIRMINGHAM	7,831	350,164	44·7	238	117	80·2	43·8	61·4	16·33	0·30	0·7
LEICESTER	3,200	99,143	31·0	60	36	86·5	42·0	63·0	17·22	0·71	1·8
NOTTINGHAM	1,996	88,225	44·2	48	36	86·9	42·5	62·5	16·94	0·44	1·1
LIVERPOOL	5,108	499,897	97·9	393	245	79·1	52·7	60·9	16·06	0·67	1·7
MANCHESTER	4,486	352,759	78·6	253	163	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	102	39	82·5	42·0	59·9	15·50	0·75	1·9
OLDHAM	4,167	84,004	20·2	58	46	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	111	65	81·6	43·0	62·7	17·06	0·23	0·5
LEEDS	21,572	266,564	12·4	125	130	83·0	46·0	61·5	16·39	0·24	0·6
SHEFFIELD	22,830	247,847	10·9	176	96	82·0	43·7	60·6	15·89	0·92	2·3
HULL	3,562	124,976	35·1	97	53	81·0	45·0	61·2	16·22	0·65	1·6
SUNDERLAND	3,306	100,665	30·4	57	40	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	99	55	80·0	50·0	60·4	15·78	0·02	0·0
EDINBURGH	4,427	205,146	46·3	133	93	73·0	41·7	60·6	15·89	0·15	0·3
GLASGOW	5,063	489,136	94·8	418	257	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	125	153	81·4	44·0	61·1	16·17	0·23	0·5

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preva between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 6th day of July 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	20	2474	680	402	89	72	38	7	97	60	113	106	166
LONDON	19	1193	315	211	35	42	17	3	46	19	61	49	80
PORTSMOUTH	24	53	11	7	15	1	–	–	–	6	1	1	1
NORWICH	13	20	5	5	–	–	–	–	–	–	3	–	1
BRISTOL	18	65	14	12	4	4	–	–	1	2	2	3	5
WOLVERHAMPTON	17	22	4	4	–	1	–	–	–	1	1	2	3
BIRMINGHAM	17	117	42	19	6	–	1	2	5	3	11	7	10
LEICESTER	19	36	11	5	9	–	–	–	–	–	–	2	2
NOTTINGHAM	21	36	12	9	1	–	–	–	–	1	1	1	4
LIVERPOOL	26	245	75	37	–	13	4	1	19	6	7	19	21
MANCHESTER	24	163	43	18	1	–	8	–	6	5	8	5	14
SALFORD	16	39	6	9	–	–	–	–	3	2	1	1	1
OLDHAM	29	46	11	3	–	–	1	–	–	–	3	1	1
BRADFORD	22	65	20	7	1	5	1	–	–	2	–	–	1
LEEDS	25	130	36	17	11	5	2	–	6	5	6	5	8
SHEFFIELD	20	96	25	10	5	1	2	–	5	4	3	1	2
HULL	22	53	18	10	1	–	1	1	3	1	1	1	1
SUNDERLAND	21	40	15	6	–	–	–	–	3	2	2	1	1
NEWCASTLE-ON-TYNE	22	55	17	13	–	–	1	–	–	1	2	7	10
DUBLIN	26	153	17	34	20	6	6	2	–	1	1	3	4

Table 5. Deaths in London Registered in the Twenty-seventh Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	60°8	64°5						
ALL CAUSES	1306·4	1193	518	89	197	178	173	38
SPECIFIED CAUSES	1291·3	1188	516	88	197	176	173	38
ZYMOTIC DISEASES.								
Order 1.								
Small-pox	31·8	35	9	9	12	5	-	-
Measles	40·3	42	42	-	-	-	-	-
Scarlet Fever (Scarlatina)	52·8	17	10	6	-	1	-	-
Diphtheria	8·4	3	1	-	1	1	-	-
Quinsy	1·1	-	-	-	-	-	-	-
Croup	12·2	14	11	3	-	-	-	-
Whooping-cough	37·0	46	44	2	-	-	-	-
Typhus } Enteric or Typhoid Fever } Simple continued Fever	45·5	3	-	-	1	2	-	-
		10	5	2	1	1	1	-
		6	4	-	1	1	-	-
Erysipelas	6·2	11	5	1	1	1	3	-
Puerperal Fever (Metria)	2·7	1	-	-	-	1	-	-
Carbuncle	1·1	1	-	-	-	1	-	-
Influenza	1·1	-	-	-	-	-	-	-
Dysentery	2·4	3	-	-	2	-	1	-
Diarrhœa	122·4	61	52	-	-	1	1	-
Simple Cholera	7·5	4	3	-	1	-	-	-
Ague	·2	-	-	-	-	-	-	-
Remittent Fever	·8	-	-	-	-	-	-	-
Rheumatism	6·8	4	-	2	1	-	1	-
Other *Zymotic* Diseases	·2	-	-	-	-	-	-	-
Order 2.								
Syphilis	6·5	9	8	1	-	-	-	-
Stricture of Urethra	1·2	-	-	-	-	-	-	-
Hydrophobia	·2	-	-	-	-	-	-	-
Glanders	·1	1	-	-	1	-	-	-
Order 3.								
Privation	·5	-	-	-	-	-	-	-
Want of Breast-milk	10·3	11	11	-	-	-	-	-
Purpura and Scurvy	1·4	2	-	1	-	-	1	-
Alcoholism { *a* Del. Tremens / *b* Intemperance	2·5	3	-	-	1	2	-	-
	1·0	3	-	-	1	2	-	-
Order 4.								
Thrush	4·4	6	6	-	-	-	-	-
Worms, &c.	·2	-	-	-	-	-	-	-
CONSTITUTIONAL DIS.								
Order 1.								
Gout	2·3	2	-	-	1	-	1	-
Dropsy	15·5	13	3	1	3	1	5	-
Cancer	26·8	34	-	-	7	14	11	2
Cancrum Oris (Noma)	·3	-	-	-	-	-	-	-
Mortification	3·1	1	-	-	-	1	-	-
Order 2.								
Scrofula	8·5	10	7	1	-	1	1	-
Tabes Mesenterica	25·1	22	22	-	-	-	-	-
Phthisis	155·4	166	6	19	94	42	5	-
Hydrocephalus	27·5	34	32	2	-	-	-	-
LOCAL DISEASES.								
Order 1.								
Cephalitis	14·9	14	13	-	1	-	-	-
Apoplexy	31·2	32	1	2	6	9	11	3
Paralysis	24·0	12	-	-	3	1	7	1
Insanity	1·8	2	-	1	-	-	-	1
Chorea	·1	-	-	-	-	-	-	-
Epilepsy	5·9	5	-	-	2	2	1	-
Convulsions	46·3	35	35	-	-	-	-	-
Brain Disease, &c.	17·4	14	1	-	-	7	6	-
Order 2.								
Pericarditis	2·3	2	-	1	-	1	-	-
Aneurism	2·6	4	-	-	1	1	2	-
Heart Disease, &c.	53·1	63	2	9	13	21	21	2
Order 3.								
Laryngitis	3·8	2	2	-	-	-	-	-
Bronchitis	61·1	72	32	1	1	11	21	6
Pleurisy	2·4	4	1	-	1	1	1	-
Pneumonia	47·6	36	20	4	4	3	5	-
Asthma	4·3	5	-	-	1	1	2	1
Lung Disease, &c.	10·1	13	5	-	1	2	4	1
Order 4.								
Gastritis	1·6	6	-	-	3	2	1	-
Enteritis	7·9	8	1	2	2	3	-	-
Peritonitis	4·9	8	-	2	3	1	2	-
Ascites	2·7	4	1	-	1	-	2	-
Ulceration of Intestines	2·3	3	-	-	1	2	-	-
Hernia	2·2	-	-	-	-	-	-	-
Ileus	3·1	3	-	-	-	1	1	1
Intussusception	·8	2	1	-	-	-	1	-

CAUSES OF DEATH.	Average in the Twenty-seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 6, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	60°8	64°5						
9. Stricture of Intestines	·9	-	-	-	-	-	-	-
10. Fistula	·3	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	6·9	6	1	-	-	2	3	-
12. *Pancreas Disease, &c.*	-	1	-	-	-	-	1	-
13. Hepatitis	3·5	2	-	1	-	1	-	-
14. Jaundice	4·2	5	2	-	1	1	1	-
15. *Liver Disease, &c.*	17·3	18	1	-	3	6	8	-
16. *Spleen Disease, &c.*	·3	-	-	-	-	-	-	-
Order 5.								
1. Nephritis	·7	2	-	-	-	1	1	-
2. Ischuria	·2	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	8·7	7	1	1	1	3	-	1
4. Diabetes	1·7	2	-	-	-	1	1	-
5. Calculus (Stone)	·8	1	-	-	-	-	1	-
6. Cystitis	1·7	2	-	-	-	1	1	-
7. *Kidney Disease, &c.*	5·8	4	1	-	1	1	1	-
Order 6.								
1. Ovarian Dropsy	·5	1	-	-	-	1	-	-
2. *Uterus Disease, &c.*	4·2	5	-	-	3	1	1	-
Order 7.								
1. Synovitis (Arthritis)	·2	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	4·1	4	1	1	1	-	1	-
Order 8.								
1. Phlegmon	1·2	2	-	-	-	2	-	-
2. Ulcer	·8	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·3	1	1	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth	18·8	19	19	-	-	-	-	-
2. Cyanosis	1·7	1	1	-	-	-	-	-
3. Spina Bifida	1·4	-	-	-	-	-	-	-
4. Other Malformations	2·0	2	2	-	-	-	-	-
5. Teething	14·5	3	3	-	-	-	-	-
Order 2.								
1. Paramenia	·1	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	5·2	4	-	-	4	-	-	-
Order 3.								
1. Old Age	40·3	42	-	-	-	-	25	17
Order 4.								
1. Atrophy and Debility	70·3	73	69	-	-	2	2	-
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	14·9	10	-	3	2	-	3	2
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-
2. Wounds { Cut, Stab	1·4	-	-	-	-	-	-	-
3. Burns and Scalds	3·6	2	1	1	-	-	-	-
4. Poison	·9	1	-	-	1	-	-	-
5. Drowning	7·6	12	-	7	2	2	1	-
6. Suffocation	6·5	9	7	-	1	1	-	-
7. Otherwise	2·8	3	-	1	1	1	-	-
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·1	4	2	-	2	-	-	-
Order 4. (Suicide.)								
1. Wounds { Gunshot	·4	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·2	-	-	-	-	-	-	-
2. Poison	·9	1	-	-	-	1	-	-
3. Drowning	·9	-	-	-	-	-	-	-
4. Hanging	1·8	4	-	-	-	1	3	-
5. Otherwise	·3	-	-	-	-	-	-	-
Order 5. (Execution.)								
1. Hanging	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·5	3	1	1	1	-	-	-
Sudden Deaths (Cause unascertained)	2·2	2	1	-	-	1	-	-
Causes not specified or ill-defined	12·9	3	1	1	-	1	-	-

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2202	1193	315	211	35	42	17	3	46	3	10	6	61	49	80	170
WEST DISTRICTS	561,189	314	204	53	40	1	5	2	1	6	-	2	2	8	4	14	23
NORTH DISTRICTS	751,668	485	305	74	55	15	10	4	-	11	2	2	-	19	9	22	55
CENTRAL DISTRICTS	333,387	206	135	42	16	1	7	1	-	5	1	1	-	10	5	8	28
EAST DISTRICTS	638,928	445	229	68	43	7	10	3	1	12	-	2	2	12	11	17	24
SOUTH DISTRICTS	966,132	752	320	78	57	11	10	7	1	12	-	3	2	12	20	19	40
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	42	28	6	4	-	2	1	-	-	-	-	1	3	1	5	4
St. John Paddington H	38082	19	15	2	7	-	-	-	-	1	-	-	-	-	3	2	
Kensington Town *WL*	91583	55	35	12	6	-	-	1	-	2	-	1	-	1	-	1	2
Brompton H	28851	20	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith	6662	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
St. Paul Hammersmith H	36030	18	13	4	5	-	-	-	-	1	-	-	1	1	-	-	
Fulham *WLLLL*	23378	14	11	2	2	-	-	-	-	-	-	-	-	-	-	1	
Chelsea South HH	26419	15	11	2	3	-	-	-	-	1	-	-	-	-	-	1	3
Chelsea North-west *HWw*	23278	14	4	-	2	1	-	-	-	-	-	-	-	-	-	-	1
Chelsea North-east L	21389	17	11	2	4	-	-	-	-	-	-	1	-	-	-	1	
Hanover Square	18700	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
May Fair *W*	13020	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH	58043	24	22	8	2	-	1	-	1	-	-	-	-	1	-	-	3
St. John Westminster HHH	38470	18	14	4	1	-	1	-	-	-	-	-	-	1	-	3	
St. Margaret Westminster *WWHH*	27640	14	8	1	-	-	1	-	-	-	-	-	-	-	-	-	3
St. James's Square	10453	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Golden Square *W*	12855	10	5	3	1	-	-	-	-	-	-	-	-	-	-	-	2
Berwick-street	10279	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-	
St. Anne Soho HH	17555	8	8	3	1	-	-	-	-	1	-	-	-	-	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	15	11	2	2	-	-	2	-	-	-	-	-	-	-	1	2
Cavendish Square	15419	8	3	1	1	-	-	-	-	-	-	-	-	1	-	-	
Rectory Marylebone *WH*	26387	18	12	2	2	-	1	-	-	1	-	-	-	1	-	-	3
St. Mary Marylebone H	21795	18	7	3	-	-	1	-	-	-	-	-	-	1	-	-	
Christchurch Marylebone	33892	20	12	5	2	1	1	-	-	-	-	-	-	1	1	2	
St. John Marylebone	33110	18	16	4	2	-	-	-	-	3	-	-	-	-	-	1	
Hampstead *WHH*	32271	14	10	2	1	4	-	-	-	-	-	-	-	1	-	1	4
Regent's Park Pancras	38192	33	13	4	2	-	-	-	-	2	-	-	-	1	-	1	
Tottenham-court *wH*	29360	18	23	6	7	-	-	1	-	-	-	-	-	2			2
Gray's Inn Lane H	29216	21	18	4	3	-	1	-	-	-	-	-	-	2	2	3	2
Somers Town	38562	27	13	5	2	-	2	-	-	-	-	-	-	-	1	1	
Camden Town *W*	18066	13	11	3	5	-	-	-	-	1	-	-	-	-	1	3	2
Kentish Town *W*	68198	40	25	5	3	-	1	-	-	-	-	-	-	4	1	3	7
Islington West HHH	97801	52	24	5	3	4	-	-	-	1	-	-	-	2	-	-	4
Islington East *WwH*	115948	83	55	13	8	-	3	1	-	-	-	1	-	4	3	4	7
Stoke Newington L	9810	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill	6599	1	2	1	-	1	-	-	-	1	-	-	-	-	-	-	
West Hackney	28076	16	10	2	4	-	-	-	-	-	-	-	-	-	-	-	
Hackney *WwHHL*	50087	37	32	5	5	4	-	-	-	2	2	1	-	-	1	-	12
South Hackney L	30305	23	10	2	1	1	-	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	8	8	3	1	-	2	-	-	-	-	1	-	1	-	-	
St. Giles South *WH*	19089	10	3	-	-	-	-	-	-	-	-	-	-	1	-	1	
St. Giles North	16497	10	7	3	1	-	1	-	-	-	-	-	-	1	-	-	
Long Acre	11326	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross H	9831	3	5	-	-	-	-	1	-	-	-	-	-	-	2	3	3
St. Mary-le-Strand	9376	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H	10711	7	10	1	-	-	-	-	-	-	-	-	-	-	-	-	7
St. George-the-Martyr HHH	20521	10	5	3	-	-	-	-	-	1	-	-	-	1	-	-	
St. Andrew Eastern *W*	13523	5	10	1	3	-	-	-	-	-	-	-	-	1	1	-	1
Saffron Hill	9051	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W*	18912	16	6	4	-	1	-	-	-	-	-	-	-	1	-	-	
Amwell Clerkenwell	16878	12	4	2	1	-	-	-	-	1	-	-	-	-	-	-	
Pentonville	13293	7	6	1	-	-	-	-	-	-	-	-	-	-	-	1	
Goswell-street	16220	17	5	3	1	-	1	-	-	-	-	-	-	1	-	-	
Old-street H	12156	14	3	-	-	-	-	-	-	1	-	-	-	-	-	-	
City-road *WHHL*	18291	22	12	5	1	-	-	-	-	-	-	-	-	-	1	2	1
Whitecross-street	13790	5	11	6	-	-	1	-	-	-	-	-	-	1	-	-	
Finsbury	10732	8	3	2	-	-	1	-	-	-	-	-	-	1	-	-	
St. Botolph East London HH	14484	7	6	1	2	-	1	-	-	-	-	-	-	-	1	1	1
Cripplegate	13639	7	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H	7562	4	11	2	1	-	-	-	-	2	1	-	-	-	-	-	2
St. Bride *W*	11184	5	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
Castle Baynard	4389	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Queenhithe	4744	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
Allhallows Barking	5694	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street	7838	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 6th July 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	7	5	3	-	-	-	-	-	-	-	-	-	-	2	2	-
. Leonard Shoreditch HL†	16545	14	6	3	-	-	1	-	-	1	-	-	-	1	-	-	-
oxton New Town *w*	27832	15	7	2	1	-	-	-	-	-	-	-	1	-	-	-	2
oxton Old Town	26944	29	9	3	3	-	-	-	-	-	-	-	-	1	-	-	-
aggerstone West *W*	24153	17	10	2	3	-	-	-	-	-	-	1	-	1	-	-	5
aggerstone East	19257	16	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-
ackney-road	29808	22	7	3	2	1	-	-	-	-	-	-	-	-	-	-	-
reen, Bethnal Green *W*HL†	42443	32	17	2	7	-	-	1	-	-	-	-	-	-	-	-	3
urch, Bethnal Green	26574	16	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-
wn, Bethnal Green	21375	17	6	1	2	-	-	-	-	-	-	-	-	1	-	-	-
rtillery Whitechapel	6651	2	6	1	3	-	-	-	-	-	-	-	-	-	1	2	-
ritalfields	15844	6	7	1	-	-	1	-	-	2	-	-	-	-	-	-	-
le End New Town *W*	15550	9	9	2	3	-	-	-	-	2	-	-	-	-	-	-	4
hitechapel North	11434	14	9	5	2	-	-	-	-	1	-	-	-	1	-	-	-
hitechapel Church H	7323	4	8	-	3	-	-	-	-	-	-	-	-	-	3	4	4
odman's Fields	10381	5	5	4	-	-	-	-	-	-	-	-	-	1	-	-	-
dgate	9149	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East	17906	13	11	4	2	-	-	-	-	-	-	1	-	1	-	-	-
. Paul St. George East	21356	15	6	3	1	-	1	-	-	-	-	-	-	1	-	-	-
. John St. George East *W*	8973	7	6	1	3	-	-	-	-	-	-	-	-	-	-	-	3
adwell	11623	5	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-
tcliff H	15930	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
chouse *W*	30025	19	6	1	1	1	1	-	-	1	-	-	-	-	-	1	-
ile End Old Town West	38126	31	9	2	-	1	-	-	-	-	-	-	-	2	-	1	-
ile End Old Town East *WwH*	55020	35	17	5	2	-	2	-	-	1	-	-	-	-	-	2	-
ow *WwwHL*†	67777	59	21	8	1	3	2	1	-	2	-	-	-	1	1	1	2
pplar *WW*	43500	29	25	8	3	1	2	1	1	1	-	-	-	1	3	3	1
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	10	2	2	-	-	1	-	-	-	-	-	-	1	-	-	-
. Saviour Southwark H	15667	8	4	2	1	-	1	-	-	-	-	-	-	1	-	-	-
ent-road	20430	17	7	2	-	2	-	-	-	-	-	-	1	1	-	-	-
orough-road *WH*	16694	18	10	5	2	-	-	-	-	-	-	-	-	-	-	-	1
ndon-road L	18959	11	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-
rinity Newington	23873	17	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
. Peter Walworth *W*	48232	38	11	3	3	1	-	-	-	-	-	-	-	-	-	-	1
. Mary Newington	16786	15	8	2	2	-	-	1	-	-	-	-	-	2	-	-	-
. Olave Southwark H	4157	1	12	2	3	-	-	-	-	-	-	-	-	-	3	3	7
. John Horsleydown *W*	16595	8	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ather Market	16785	11	7	3	-	-	-	-	-	3	-	-	-	-	-	-	-
. Mary Magdalen *W*	15707	13	4	1	1	-	-	-	-	1	-	1	-	-	-	-	1
. James Bermondsey	47921	55	16	7	1	-	-	-	-	3	-	-	-	-	2	2	-
otherhithe *W*	25873	22	10	1	3	-	-	1	-	-	-	-	-	-	2	2	1
aterloo-road 1st H	14086	14	11	2	3	-	-	-	-	-	-	-	-	1	-	-	-
aterloo-road 2nd H	18453	22	7	4	1	-	-	-	1	-	-	-	-	2	1	1	-
mbeth Church 1st H	19470	14	15	3	2	-	-	-	-	-	-	-	-	-	5	5	7
mbeth Church 2nd *W*	35831	27	10	2	2	-	-	-	-	2	-	-	-	-	2	1	4
nnington 1st *W*	41284	36	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-
nnington 2nd	31213	24	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-
rixton HL	35431	21	10	1	-	3	-	-	-	-	-	-	-	1	-	-	3
orwood *W*	12534	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
apham HL	27348	18	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ttersea *W*	53988	41	20	5	3	1	1	1	-	-	-	1	-	-	-	1	2
ndsworth HL	19797	13	9	1	2	-	-	-	-	-	-	-	-	-	1	1	2
tney	9438	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14479	13	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ulwich	4041	2	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-
mberwell *WL*†*L*†	31251	24	14	2	2	-	2	-	-	-	-	-	-	-	1	1	4
ckham *W*	42159	36	15	5	3	-	-	1	-	-	-	-	-	-	2	2	-
. George Camberwell	33851	21	9	2	2	-	-	-	-	1	-	-	1	-	-	-	-
. Paul Deptford	53696	34	12	1	5	2	-	1	-	-	-	-	-	1	-	-	-
. Nicholas Deptford	6487	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21038	13	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-
eenwich East *WH*	19320	19	8	1	2	-	1	-	-	-	-	-	-	-	-	-	4
tham	4523	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	4	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-
wisham Village *W*	11508	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
denham	19016	21	9	1	2	-	1	2	-	-	-	-	-	-	-	-	-
arlton H	9503	7	4	-	1	-	-	-	-	-	-	1	-	-	1	-	1
oolwich Dockyard	17229	14	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal H	18319	20	8	1	1	-	-	-	-	1	-	-	-	-	-	-	-
umstead, West	13028	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
umstead, East *W*	15290	19	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - „ „ Tottenham-court sub-district.
London City - - „ „ Islington East.
Do. do. - - „ „ Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City „ „ { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - „ „ Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th JULY, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	30	..	29·766	74·4	44·8	29·6	61·3	49·3	150·2	37·2	65·8	62·4	12·0	19·5	3·8	+ 0·2	65	Calm & S.	SW. & SSW.	0·8	0·0	0·0	153	0·00	..
MONDAY, JULY 1		..	29·719	72·3	57·2	15·1	60·5	51·7	141·5	52·0	66·2	63·0	8·8	19·2	1·7	— 0·4	78	S. by W, SW, & WNW.	W. by N. & WSW.	3·6	0·0	0·6	368	0·10	..
TUESDAY .	2	..	29·845	75·8	55·1	20·7	63·0	52·9	150·3	48·1	66·3	63·7	10·1	20·9	2·6	+ 1·9	70	SW. WSW. & W	WNW. & NW.	2·1	0·0	0·5	311	0·01	..
WEDNESDAY	3	..	30·030	74·5	49·2	25·3	61·7	50·3	133·8	41·0	66·0	63·2	11·4	17·7	2·3	+ 0·4	66	WSW. & N	NNW. & W.	0·6	0·0	0·0	166	0·00	..
THURSDAY.	4	..	30·053	80·7	52·4	28·3	66·1	53·9	149·4	43·0	66·1	63·4	12·2	25·0	2·4	+ 4·6	65	WSW.	W. NW. NNE. & Calm.	0·6	0·0	0·0	140	0·00	..
FRIDAY . .	5	Greatest Dec. N.	29·926	85·3	56·0	29·3	70·8	53·7	158·1	49·3	67·1	63·0	17·1	27·0	1·0	+ 9·1	55	SW.	SSW. & S.	0·7	0·0	0·0	152	0·00	..
SATURDAY.	6	New Apogee	29·759	84·6	53·0	31·6	68·0	56·8	157·0	45·3	67·9	66·0	11·2	25·7	4·0	+ 6·2	68	Calm & NE.	E. & NE.	3·5	0·0	0·1	144	0·20	..
MEANS . .		..	29·871	78·2	52·5	25·7	64·5	52·7	148·6	45·1	66·5	63·5	11·8	22·1	2·5	+ 3·1	66	Variable.		..	..	..	Sum 1434	Sum 0·31	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JUNE.			
SUNDAY .	30	No electricity shown.	Very fine throughout. The amount of cloud increased towards night.
JULY.			
MONDAY .	1	Weak negative in the afternoon, weak positive at night.	Rain fell heavily in the early morning, and the sky was overcast. The amount of cloud decreased as the day advanced, and it became cloudless at night.
TUESDAY .	2	Positive, with weak tension at noon.	Overcast and rain fell in early morning. Very fine, with light clouds, till night.
WEDNESDAY	3	Positive, with variable tension during the latter portion of the day.	Fine throughout. Clouds of the cirro-cumulus type generally prevalent.
THURSDAY .	4	Positive, with moderate tension in the morning and at night; weak negative at noon.	Nearly cloudless throughout. Hazy, but very fine.
FRIDAY .	5	Positive, with weak tension.	Generally cloudless. Brilliantly fine.
SATURDAY .	6	Strong positive and negative, with sparks and galvanic currents during thunder-storm.	Fine and nearly cloudless till mid-day. The sky became quickly overcast about 1h. P.M., and rain fell very heavily between 1h. 30m. and 2h. P.M. Frequent thunder and occasional lightning. The clouds again broke, and it was very fine during the afternoon and evening. [Thunder-storms occurred at Birmingham, Wolverhampton, and Leicester.]

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·84 in. at the beginning of the week to 29·66 in. by 9h. A.M. on 1st July; increased to 30·08 in. by noon on the 4th; and decreased to 29·72 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
15th July 1872.

United Kingdom.

During the week ending Saturday last, 4749 *births* and 2896 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 20 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 16 per 1000 persons living, in Glasgow 21 per 1000, and in Dublin 24 ; the fatal cases of small-pox in Dublin were 35, against 36 and 20 in the two preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000 ; Portsmouth 20, Norwich 20, Bristol 20, Wolverhampton 20, Birmingham 20, Leicester 18, Nottingham 15, Liverpool 22, Manchester 20, Salford 19, Oldham 21, Bradford 23, Leeds 23, Sheffield 19, Hull 23, Sunderland 22, and Newcastle-upon-Tyne 20. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 110 and 89, further declined last week to 71. The annual death-rate from this disease was equal to 6 per 1000 in Leicester, and 5 in Portsmouth. The deaths referred to diarrhœa, principally infantile, in these eighteen towns, further rose from 67 and 113 in the two previous weeks to 226, of which 148 occurred in London.

London.

In London 2172 births and 1285 deaths were registered last week. After making due allowance for increase of population, the births were 7, and the deaths 191, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been but 17 and 19 per 1000 in the two previous weeks, further rose to 20 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 20 in the North, 25 in the Central, 21 in the East, and 20 in the South groups of Districts.

The 1285 deaths included 26 from small-pox, 28 from measles, 12 from scarlet fever, 3 from diphtheria, 58 from whooping-cough, 20 from different forms of fever (of which 4 were certified as typhus, 11 as enteric or typhoid, and 5 as simple continued fever), and 148 from diarrhœa ; thus to the seven principal diseases of the zymotic class 295 deaths were referred, against numbers increasing steadily from 164 to 223 in the four preceding weeks. The fatal cases of small-pox, measles, and scarlet fever had declined, while those of whooping-cough and diarrhœa showed an increase.

The deaths from small-pox, which had been 43 and 35 in the two preceding weeks, further fell to 26 last week, of which 8 occurred in the special small-pox hospitals. Out of those institutions, 4 fatal cases were registered in Poplar, and 2 each in Bow, Kentish Town, and Kensington Town sub-districts.

The mean temperature of the air last week was 63°·1, and 1°·2 above the average for the same week in 50 years ; the mean temperature of the water of the Thames was 67°·2. Not quite three quarters of an inch of rain fell at the Royal Observatory, Greenwich, while the amount exceeded three inches in Hull, Leeds, Nottingham, Liverpool, and Sheffield, and in Salford the remarkable quantity of 5·80 inches was measured.

The usual summer epidemic of diarrhœa appears to have set in. The deaths referred to this disease in London, which in the two previous weeks had been 37 and 61, rose last week to 148, of which 121 were of infants under one year of age, and 16 of children between one and five years ; these 148 deaths were, however, 15 below the corrected average number in the corresponding week

of the last ten years. To choleraic diarrhœa and simple cholera, the deaths of 11 infants and of one adult were referred last week; these were also slightly below the average.

The deaths of 7 persons aged 90 years and upwards were registered last week, including that of the widow of a gardener, in Greenwich, whose age was stated at 107 years.

To different forms of violence 44 deaths were referred; 37 were the result of negligence or accident, including 13 from fractures and contusions, 2 from burns and scalds, 11 from drowning, and 5 from suffocation. The deaths of a nurse aged 40 years, of a cab-driver aged 52 years, and of the son of a butcher, aged 2 years, were referred to sunstroke. Three cases of infanticide, 3 of suicide, and one of manslaughter, were registered during the week.

One of the deaths from fractures and contusions, resulting from negligence or accident, was caused by horses or vehicles in the streets. From this class of accident 64 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 14th instant; of these, 54 occurred in the Metropolitan, and 10 in the City Police Districts.

During the week 77 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 83 and 80 in the two preceding weeks; these showed a proportion to the total deaths of 6 per cent.

In the large Public Institutions 201 deaths were recorded, or 16 per cent. of the total deaths; of these 106 occurred in Workhouses and 86 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 11th ultimo were 351, and the annual death-rate was equal to 28 per 1000 of the recently enumerated population; 45 fatal cases of small-pox occurred, against 67 and 56 in the two preceding weeks. In Calcutta 186 deaths were returned in the week ending May 25th. In Madras the 269 deaths in the week ending May 31st showed an annual death-rate equal to 35 per 1000.

Foreign Cities.

In Paris 689 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 20 per 1000 of the estimated population. In Brussels 76 deaths occurred in the week ending the 6th instant, and the annual death-rate was 21 per 1000. In Berlin during the week ending last Thursday, 640 deaths were recorded, showing an annual rate of 40 per 1000; 197 deaths were referred to infantile diarrhœa, 15 to enteric fever, and 3 to relapsing fever. In Vienna 429 deaths were registered in the week ending the 6th instant, showing an annual death-rate equal to 36 per 1000. In Rome 178 deaths were registered in the week ending June 30th, and the annual death-rate was 38 per 1000.

In the City of New York 640 deaths were registered in the week ending June 22d, and the equivalent annual rate of mortality was 35 per 1000; diarrhœa caused 119 deaths, and the fatal cases of cerebro-spinal meningitis were 27, against 36 and 35 in the two previous weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 in.; the highest reading was 29·77 in. on Friday evening, and the lowest 29·54 in. on Sunday evening the 7th instant. The mean temperature of the *air* was 63°·1, or 1°·2 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 7th instant was 70°·7, 8°·8 above the average, and an excess was also shown on Wednesday, Thursday, and Friday; on Saturday the mean had fallen to 58°·0, or 4°·3 below the average. The highest day temperature in the shade was 81°·4 on Sunday, and the lowest night temperature 49°·5 on Wednesday; the entire range in the week was, therefore, 31°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 153°·5 on Wednesday. The difference between the mean *dew-point* and *air* temperature averaged 7°·4. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 67°·2. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on Tuesday, Thursday, and Saturday, to the amount of ·71 of an inch, of which ·46 was measured on Thursday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 54°·9 in Newcastle, to 62°·9 in Nottingham; the lowest recorded night temperature was 43°·0 in both Nottingham and Salford, and the highest day temperature in the shade 82°·5 in Norwich. Rain was measured in each of these towns; the amounts varied from 1·04 inches in Portsmouth, to 3·80 inches in Liverpool, 3·86 inches in Sheffield, and no less than 5·80 inches in Salford.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 243,443 cubic metres, and at Barking 264,750 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-EIGHTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1707	1983	1874	1928	1963	2127	2143	2051	2131	1904	1981·1	2172
Males . .	882	989	955	984	987	1061	1111	1030	1072	959	1003·0	1082
Females .	825	994	919	944	976	1066	1032	1021	1059	945	978·1	1090
TOTAL **Deaths**	1065	1287	1300	1392	1540	1262	1505	1313	1498	1259	1342·1	1285
Males . .	561	659	667	775	829	696	774	685	777	639	706·2	658
Females .	504	628	633	617	711	566	731	628	721	620	635·9	627

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.
TOTAL **Deaths** - - -	1410	1415	1387	1250	1268	1205	1336	1289	1207	1230	1070	1193	1285
Deaths under 5 years of age -	620	572	565	499	523	495	527	536	449	470	416	518	628
Deaths 5—20 - - -	95	110	108	103	91	91	83	90	97	85	88	89	76
Deaths 20—40 - - -	191	198	215	186	200	188	198	200	211	198	163	197	172
Deaths 40—60 - - -	219	250	260	201	215	204	241	220	217	217	203	178	204
Deaths 60—80 - - -	241	233	199	206	199	190	234	201	189	215	167	173	163
Deaths at 80 years & upwards	44	52	40	55	40	37	53	42	44	45	30	38	42
Deaths from Small-pox - -	48	41	62	39	54	54	37	27	37	26	43	35	26
„ „ Measles - -	77	58	64	35	47	41	59	39	33	41	33	42	23
„ „ Scarlet fever -	11	17	11	10	16	20	18	18	12	9	11	17	12
„ „ Diphtheria -	7	7	6	9	5	5	10	4	3	6	—	3	3
„ „ Whooping-cough	72	85	81	83	73	74	72	63	41	53	44	46	58
„ „ Typhus fever -	3	3	5	4	2	1	3	8	1	2	2	3	4
„ „ Enteric (or Typhoid) fever -	16	17	10	15	11	8	13	18	12	11	14	10	11
„ „ SimpleContdfever	3	6	5	8	12	7	12	7	9	10	4	6	5
„ „ Diarrhœa - -	13	15	9	10	14	9	15	24	16	25	37	61	148
„ „ Simple Cholera -	—	—	1	—	—	—	—	2	—	1	2	4	12
„ „ Phthisis - -	175	178	193	165	174	150	186	172	181	160	159	166	166
„ „ Bronchitis - -	151	149	146	121	114	114	130	116	100	108	60	72	67
„ „ Pneumonia -	78	91	62	58	63	59	72	76	53	52	41	36	50
„ „ Heart Disease -	67	80	64	58	54	78	61	68	64	70	62	68	57
Mean Temperature of the Air	46°·2	50°·1	52°·6	47°·2	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1
Mean Temperature of the Water of the Thames -	52·8	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2
Humidity of the Air - -	71	77	72	80	86	72	74	83	80	69	72	66	78
Rain-fall in inches - -	0·08	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33	0·19	0·45	0·31	0·71

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S. Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F,M.S., Leeds; Mr. E. Peak Hull; and Wm, Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 13th day of July 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 13th July 1872.	DEATHS registered during the Week ending 13th July 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4749	2896	82·5	43·0	60·0	15·56	2·46	6·2
LONDON	78,080	3,311,298	42·4	2172	1285	81·4	49·5	63·1	17·28	0·71	1·8
PORTSMOUTH	9,513	115,455	12·1	68	45	75·2	49·4	61·3	16·28	1·04	2·6
NORWICH	7,472	81,105	10·9	51	31	82·5	50·5	62·7	17·06	1·28	3·2
BRISTOL	4,688	186,428	39·8	113	70	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,263	20·5	44	27	74·1	43·5	59·8	15·44	2·72	6·9
BIRMINGHAM	7,831	350,164	44·7	235	131	75·2	46·6	60·6	15·89	1·41	3·6
LEICESTER	3,200	99,143	31·0	58	35	82·2	44·0	62·2	16·78	2·71	6·9
NOTTINGHAM	1,996	88,225	44·2	46	26	82·1	43·0	62·9	17·17	3·43	8·7
LIVERPOOL	5,108	499,897	97·9	316	209	69·7	50·0	58·0	14·44	3·80	9·6
MANCHESTER	4,486	352,759	78·6	237	136	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	85	46	72·5	43·0	58·6	14·78	5·80	14·7
OLDHAM	4,167	84,004	20·2	50	33	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	95	67	77·2	49·5	61·6	16·44	2·02	5·1
LEEDS	21,572	266,564	12·4	174	118	75·0	47·0	60·7	15·94	3·13	7·9
SHEFFIELD	22,830	247,847	10·9	153	90	72·5	45·0	60·7	15·94	3·86	9·8
HULL	3,562	124,976	35·1	96	56	77·0	45·0	59·4	15·22	3·10	7·8
SUNDERLAND	3,306	100,665	30·4	86	43	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	94	49	66·0	45·0	54·9	12·72	1·12	2·8
EDINBURGH	4,427	205,146	46·3	116	62	67·0	43·7	57·1	13·94	2·05	5·2
GLASGOW	5,063	489,136	94·8	310	197	72·5	45·1	58·2	14·55	3·20	8·1
DUBLIN	9,745	310,565	31·9	150	140	71·9	43·0	58·1	14·50	0·45	1·1

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 18 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevail between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at t Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 13th day of July 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	20	2497	756	408	71	60	38	15	92	45	226	95	157	3
LONDON	20	1285	427	205	26	28	12	3	58	20	148	44	77	2
PORTSMOUTH	20	45	4	9	11	1	–	–	1	1	1	–	2	
NORWICH	20	31	9	9	–	–	–	1	1	–	1	–	1	
BRISTOL	20	70	16	10	7	1	–	–	2	–	4	4	6	1
WOLVERHAMPTON	20	27	9	9	–	1	–	1	–	–	2	1	1	
BIRMINGHAM	20	131	32	23	4	–	7	5	3	1	7	8	14	1
LEICESTER	18	35	10	5	11	1	–	–	–	–	1	1	1	
NOTTINGHAM	15	26	8	6	–	–	–	–	–	–	2	2	2	
LIVERPOOL	22	209	54	45	–	15	1	2	10	3	14	14	20	3
MANCHESTER	20	136	34	20	1	–	8	1	–	4	8	6	11	2
SALFORD	19	46	7	6	–	1	–	–	2	2	2	2	3	
OLDHAM	21	33	9	7	–	–	3	–	–	1	2	1	3	
BRADFORD	23	67	17	7	–	5	4	1	2	3	8	–	–	
LEEDS	23	118	42	13	2	3	–	1	4	2	11	5	5	
SHEFFIELD	19	90	27	15	4	4	3	–	6	3	4	2	3	
HULL	23	56	25	5	2	–	–	–	2	2	8	1	2	
SUNDERLAND	22	43	13	8	2	–	–	–	–	2	3	–	2	
NEWCASTLE-ON-TYNE	20	49	13	6	1	–	–	–	1	1	–	4	4	
DUBLIN	24	140	19	21	35	8	2	1	–	9	1	3	3	5

TABLE 5.—DEATHS Registered in LONDON in the TWENTY-EIGHTH Week of the Year 1872.

AUSES OF DEATH.	Average in the Twenty-eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 13, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	° 63·4	Mean Tem. ° 63·1	0–5.	5–20.				
LL CAUSES - -	1342·1	1285	628	76	172	204	163	42
PECIFIED CAUSES	1329·9	1280	624	75	172	204	163	42
YMOTIC DISEASES.								
ORDER 1.								
nall-pox - - -	29·6	26	7	10	7	2	-	-
easles - - -	35·4	28	26	2	-	-	-	-
arlet Fever (Scarlatina)	56·4	12	8	3	-	1	-	-
phtheria - - -	9·3	3	2	-	1	-	-	-
insy - - -	1·2	-	-	-	-	-	-	-
oup - - -	11·3	14	14	-	-	-	-	-
hooping-cough - -	18·0	58	56	2	-	-	-	-
phus - - -	47·5	4	-	-	2	2	-	-
nteric or Typhoid Fever		11	3	2	2	3	1	-
mple continued Fever		5	1	2	-	2	-	-
ysipelas - -	5·7	7	4	-	2	1	-	-
erperal Fever (Metria)	2·1	5	-	-	5	-	-	-
rbuncle - - -	1·4	1	-	-	-	1	-	-
fluenza - - -	·1	-	-	-	-	-	-	-
senteryy - - -	2·9	1	-	-	-	-	1	-
arrhœa - - -	143·4	148	137	-	1	2	4	4
mple Cholera -	12·6	12	11	-	-	1	-	-
gue - - -	·4	-	-	-	-	-	-	-
emittent Fever -	·7	-	-	-	-	-	-	-
eumatism - -	7·1	3	-	2	-	1	-	-
her *Zymotic* Diseases -	·2	-	-	-	-	-	-	-
ORDER 2.								
philis - - -	7·5	5	3	-	1	-	1	-
icture of Urethra -	·7	-	-	-	-	-	-	-
drophobia - -	—	-	-	-	-	-	-	-
anders - - -	·1	-	-	-	-	-	-	-
ORDER 3.								
ivation - - -	·4	-	-	-	-	-	-	-
ant of Breast-milk -	11·5	17	17	-	-	-	-	-
rpura and Scurvy -	2·0	2	2	-	-	-	-	-
ico- } Del. Tremens -	1·4	3	-	-	1	2	-	-
ism (*b* Intemperance -	1·3	2	-	-	-	2	-	-
ORDER 4.								
rush - - - -	3·9	3	3	-	-	-	-	-
orms, &c. - - -	·3	1	-	-	1	-	-	-
NSTITUTIONAL DIS.								
ORDER 1.								
out - - - -	1·3	-	-	-	-	-	-	-
ropsy - - - -	10·4	12	2	-	1	5	4	-
ancer - - - -	31·2	26	-	-	4	16	6	-
ancrum Oris (Noma) -	·5	-	-	-	-	-	-	-
ortification - - -	3·5	1	-	-	-	-	-	1
ORDER 2.								
rofula - - - -	10·3	7	6	-	1	-	-	-
abes Mesenterica - -	27·1	23	22	1	-	-	-	-
thisis - - -	155·0	166	7	16	80	56	6	1
ydrocephalus -	27·2	43	42	1	-	-	-	-
LOCAL DISEASES.								
ORDER 1.								
ephalitis - - -	18·3	19	12	3	2	2	-	-
poplexy - - -	31·1	33	4	2	5	9	11	2
aralysis - - -	25·0	28	-	-	2	5	17	4
sanity - - -	1·5	-	-	-	-	-	-	-
horea - - - -	·4	-	-	-	-	-	-	-
pilepsy - - -	6·2	9	1	2	3	1	2	-
onvulsions - - -	44·1	45	44	1	-	-	-	-
rain Disease, &c. -	18·2	17	1	2	1	7	6	-
ORDER 2.								
ericarditis - - -	1·7	2	-	1	1	-	-	-
neurism - - -	2·6	3	-	-	1	1	1	-
eart Disease, &c. -	53·3	57	1	3	6	23	23	1
ORDER 3.								
aryngitis - - -	5·3	6	4	1	-	1	-	-
ronchitis - - -	59·9	67	28	2	4	11	17	5
eurisy - - - -	2·7	2	-	-	2	-	-	-
neumonia - - -	42·2	50	28	2	9	8	4	1
sthma - - - -	4·2	1	-	-	-	-	1	-
ung Disease, &c. -	9·8	8	5	-	-	1	1	1
ORDER 4.								
astritis - - - -	1·5	1	-	-	1	-	-	-
nteritis - - - -	7·1	5	3	-	-	1	1	-
ritonitis - - -	4·6	2	-	-	1	1	-	-
icites - - - -	2·1	4	-	-	1	2	1	-
ceration of Intestines -	3·7	2	1	-	-	1	-	-
ernia - - - -	2·5	3	-	-	-	3	-	-
eus - - - -	3·1	2	1	-	-	1	-	-
tussusception - -	·6	-	-	-	-	-	-	-

CAUSES OF DEATH.	Average in the Twenty-eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 13, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	° 63·4	Mean Tem. ° 63·1	0–5.	5–20.				
9. Stricture of Intestines -	·9	-	-	-	-	-	-	-
10. Fistula - - -	·3	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·7	4	2	-	-	2	-	-
12. *Pancreas Disease, &c.* -	·1	-	-	-	-	-	-	-
13. Hepatitis - - -	4·1	4	1	-	-	2	1	-
14. Jaundice - - -	3·4	4	3	-	-	-	1	-
15. *Liver Disease, &c.* -	14·1	21	-	-	4	8	9	-
16. *Spleen Disease, &c.* -	·3	1	-	-	-	-	1	-
ORDER 5.								
1. Nephritis - - -	1·3	1	-	-	-	-	1	-
2. Ischuria - - -	·2	1	-	-	-	-	-	1
3. Bright's Disease (Nephria)	7·5	13	-	1	5	1	6	-
4. Diabetes - - -	1·2	1	-	-	-	1	-	-
5. Calculus (Stone) -	·6	-	-	-	-	-	-	-
6. Cystitis - - -	1·5	3	-	-	-	1	2	-
7. *Kidney Disease, &c.* -	7·2	6	1	-	1	1	3	-
ORDER 6.								
1. Ovarian Dropsy -	·9	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	4·4	-	-	-	-	-	-	-
ORDER 7.								
1. Synovitis (Arthritis) -	·2	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	3·8	6	-	2	1	1	2	-
ORDER 8.								
1. Phlegmon - - -	1·7	-	-	-	-	-	-	-
2. Ulcer - - -	1·7	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·3	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	19·3	24	24	-	-	-	-	-
2. Cyanosis - - -	1·5	2	2	-	-	-	-	-
3. Spina Bifida - -	1·3	3	3	-	-	-	-	-
4. Other Malformations -	2·3	1	1	-	-	-	-	-
5. Teething - - -	12·6	16	16	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·2	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	5·5	9	-	1	6	2	-	-
ORDER 3.								
1. Old Age - - - -	42·8	41	-	-	-	-	20	21
ORDER 4.								
1. Atrophy and Debility -	76·1	60	54	-	-	1	5	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·7	13	2	2	4	2	3	-
2. Wounds { Gunshot -	·8	-	-	-	-	-	-	-
2. Wounds { Cut, Stab -		1	-	1	-	-	-	-
3. Burns and Scalds - -	3·2	2	1	1	-	-	-	-
4. Poison - - - -	·5	-	-	-	-	-	-	-
5. Drowning - - -	7·7	11	1	7	1	2	-	-
6. Suffocation - - -	5·7	5	4	-	-	1	-	-
7. Otherwise - - -	2·6	5	2	-	1	2	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·7	4	3	-	1	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot -	·6	-	-	-	-	-	-	-
1. Wounds { Cut, Stab -	1·4	-	-	-	-	-	-	-
2. Poison - - - -	1·4	-	-	-	-	-	-	-
3. Drowning - - -	1·3	1	-	-	-	1	-	-
4. Hanging - - - -	1·1	2	-	-	-	1	1	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·3	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	4·1	-	-	-	-	-	-	-
Causes not specified or illdefined - - - -	8·1	5	4	1	-	-	-	-

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti
LONDON	3,251,804	2172	1285	427	205	26	28	12	3	58	4	11	5	148	44	77	2
WEST DISTRICTS	561,189	319	195	66	34	3	1	1	1	6	–	1	1	19	5	14	
NORTH DISTRICTS	751,668	480	292	92	50	9	5	4	–	17	2	1	–	33	7	16	
CENTRAL DISTRICTS	333,887	167	109	65	15	–	9	–	–	6	–	1	–	31	6	13	
EAST DISTRICTS	638,928	481	257	93	39	7	6	2	–	16	1	5	2	35	9	13	
SOUTH DISTRICTS	966,132	725	372	111	67	7	7	5	2	13	1	3	2	30	17	21	
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	25	14	7	1	–	–	–	–	3	–	–	–	2	1	2	
St. John Paddington H	38082	20	9	3	2	–	–	–	–	–	–	–	–	–	1	2	
Kensington Town *WL*	91583	37	29	9	6	2	–	–	–	–	–	1	–	2	–	4	
Brompton H	28651	16	6	2	1	–	–	–	–	1	–	–	–	1	1	1	
St. Peter Hammersmith	6662	10	5	2	1	–	–	1	–	–	–	–	–	1	–	–	
St. Paul Hammersmith H	36030	29	16	6	1	–	1	–	–	–	–	–	1	1	1	1	
Fulham *WLLLL*	23378	13	7	2	1	1	–	–	–	–	–	–	–	–	–	–	
Chelsea South HH	26419	18	11	4	2	–	–	–	–	–	–	–	–	1	–	1	
Chelsea North-west *HWw*	23278	16	17	3	7	–	–	–	–	–	–	–	–	1	–	–	
Chelsea North-east L	21389	8	7	3	2	–	–	–	–	–	–	–	–	1	–	1	
Hanover Square	18700	9	3	1	–	–	–	–	–	–	–	–	–	–	–	–	
May Fair *W*	13020	7	6	3	1	–	–	–	–	–	–	–	–	1	–	–	
Belgrave HH	58043	25	16	5	2	–	–	–	–	1	–	–	–	1	–	1	
St. John Westminster HHH	38470	26	20	8	3	–	–	–	–	–	–	–	–	5	–	–	
St. Margaret Westminster *WWHH*	27640	10	16	3	2	–	–	1	–	–	–	–	–	–	1	1	
St. James's Square	10453	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	6	6	2	1	–	–	–	–	–	–	–	–	1	–	–	
Berwick-street	10279	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	15	5	2	–	–	–	–	–	1	–	–	–	1	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	19	16	5	3	–	–	–	–	2	–	–	–	1	–	–	
Cavendish Square	15419	6	3	2	–	–	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	14	11	2	4	–	–	–	–	–	–	–	–	1	–	–	
St. Mary Marylebone H	21795	25	7	3	–	–	1	–	–	–	–	–	–	1	–	–	
Christchurch Marylebone	33892	21	12	4	–	–	–	–	–	1	–	–	–	4	1	1	
St. John Marylebone	33110	21	16	8	4	–	–	–	–	–	–	–	–	3	2	4	
Hampstead *WHH*	32271	14	12	2	2	4	–	–	–	1	–	–	–	1	–	–	
Regent's Park Pancras	38192	21	12	5	1	–	–	–	–	1	–	–	–	2	–	1	
Tottenham-court *wH*	29360	24	13	2	2	–	–	–	–	–	–	–	–	1	1	1	
Gray's Inn Lane H	29216	18	14	2	1	–	–	–	–	2	–	–	–	1	1	2	
Somers Town	38562	23	13	6	4	–	1	–	–	–	–	–	–	3	–	2	
Camden Town *W*	18066	19	7	4	2	–	–	–	–	–	–	–	–	–	–	–	
Kentish Town *W*	68198	47	33	13	4	2	1	1	–	1	–	–	–	5	–	2	
Islington West HHH	97801	62	38	11	7	1	–	–	–	4	–	–	–	4	1	–	
Islington East *WwH*	115948	63	43	14	8	–	2	–	–	3	–	–	–	4	–	–	
Stoke Newington L	9810	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	17	9	4	1	–	1	–	–	–	–	–	–	2	–	2	
Hackney *WwHHL*	50087	28	21	4	6	1	–	2	–	2	1	1	–	–	–	1	
South Hackney L	30305	24	8	1	1	1	–	–	–	–	1	–	–	–	1	1	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	9	8	2	–	–	–	–	–	1	–	–	–	1	–	–	
St. Giles South *WH*	19089	15	7	3	1	–	–	–	–	1	–	–	–	1	–	2	
St. Giles North	16497	6	11	6	–	–	–	–	–	–	–	1	–	2	–	1	
Long Acre	11326	2	5	1	–	–	1	–	–	–	–	–	–	1	–	–	
Charing Cross H	9831	3	5	1	1	–	–	–	–	–	–	–	–	–	–	1	
St. Mary-le-Strand	9376	2	3	–	–	–	1	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	3	8	1	3	–	–	–	–	–	–	–	–	–	2	2	
St. George-the-Martyr HHH	20521	12	8	3	–	–	–	–	–	–	–	–	–	3	–	–	
St. Andrew Eastern *W*	13528	4	10	2	–	–	1	–	–	2	–	–	–	2	–	–	
Saffron Hill	9051	2	4	3	–	–	–	–	–	–	–	–	–	1	1	2	
St. James Clerkenwell *W*	18912	14	11	3	1	–	3	–	–	–	–	–	–	–	–	1	
Amwell Clerkenwell	16878	7	5	3	2	–	–	–	–	–	–	–	–	2	–	–	
Pentonville	13293	10	5	2	2	–	–	–	–	–	–	–	–	1	–	–	
Goswell-street	16220	10	8	5	–	–	–	–	–	–	–	–	–	4	1	1	
Old-street H	12156	11	3	3	–	–	–	–	–	–	–	–	–	1	–	–	
City-road *WHHL*	18291	20	17	9	–	–	2	–	–	1	–	–	–	6	–	2	
Whitecross-street	13790	7	10	4	–	–	1	–	–	–	–	–	–	2	1	–	
Finsbury	10732	1	4	3	–	–	–	–	–	–	–	–	–	2	–	2	
St. Botolph East London HH	14484	8	4	2	1	–	–	–	–	1	–	–	–	–	–	–	
Cripplegate	13639	7	8	3	1	–	–	–	–	1	–	–	–	1	–	–	
St. Sepulchre H	7562	3	17	2	2	–	–	–	–	–	–	–	–	1	–	–	
St. Bride *W*	11184	2	3	3	–	–	–	–	–	–	–	–	–	–	–	–	
Castle Baynard	4389	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	2	–	–	–	–	–	–	–	–	–	–	–	1	1	
Allhallows Barking	5694	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
Broad Street	7838	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, 13th July 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Holywell Shoreditch	12429	7	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Leonard Shoreditch HL†	16545	14	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Hoxton New Town *w*	27832	21	14	4	3	–	2	–	–	–	–	2	–	3	–	–	4
Hoxton Old Town	26944	16	11	5	2	–	1	1	–	–	–	–	–	3	–	–	–
Haggerstone West *W*	24153	34	16	6	2	–	–	–	–	3	–	1	–	2	–	–	3
Haggerstone East	19257	9	3	3	–	–	–	–	–	1	–	–	–	1	–	–	–
Hackney-road	29808	32	7	2	–	–	–	–	–	3	–	–	–	–	–	–	–
Green, Bethnal Green *WHL*†	42443	34	16	6	4	1	–	–	–	1	–	–	–	2	–	–	4
Church, Bethnal Green	26574	23	7	5	1	–	–	–	–	–	–	–	–	3	1	–	–
Town, Bethnal Green	21375	16	11	6	–	–	–	–	–	2	–	–	–	2	–	–	–
Artillery Whitechapel	6651	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Spitalfields	15344	5	8	2	2	–	–	–	–	–	–	–	–	1	–	2	–
Mile End New Town *W*	15550	3	10	4	2	–	–	–	–	1	–	–	–	1	–	1	5
Whitechapel North	11434	10	6	3	1	–	–	–	–	1	–	–	–	1	2	3	8
Whitechapel Church H	7323	5	11	1	2	–	–	–	–	1	–	–	–	1	–	–	–
Goodman's Fields	10381	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Aldgate	9149	5	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary St. George East	17906	8	6	4	–	–	–	–	–	–	1	–	1	1	–	–	–
St. Paul St. George East	21356	15	10	5	1	–	–	–	–	–	–	–	–	2	–	1	–
St. John St. George East *W*	8973	4	6	2	–	–	–	–	–	–	–	–	–	1	1	2	–
Shadwell	11623	11	5	3	1	–	–	–	–	–	–	–	–	–	1	1	–
Ratcliff H	15930	15	12	6	–	–	–	–	–	–	–	1	–	3	–	–	1
Limehouse *W*	30025	12	10	1	1	–	1	–	–	1	–	–	1	1	1	1	–
Mile End Old Town West	38126	28	10	4	1	–	1	–	–	1	–	–	–	1	1	–	–
Mile End Old Town East *WwH*	55020	58	13	2	5	–	–	–	–	1	–	–	–	–	2	2	–
Bow *WwcHL*†	67777	36	35	9	9	2	1	–	–	1	–	–	–	6	–	–	14
Poplar *WW*	48500	47	19	5	1	4	–	1	–	–	–	1	–	4	–	–	3
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	6	8	1	4	–	–	–	–	1	–	–	–	–	2	2	3
St. Saviour Southwark H	15667	10	6	2	1	–	–	–	–	–	–	1	–	1	–	–	–
Kent-road	20430	9	7	1	–	–	–	–	–	1	–	–	–	–	–	–	–
Borough-road *WH*	16694	7	6	2	–	–	–	–	–	–	–	–	–	–	2	1	2
London-road L	18959	17	9	5	1	–	–	–	–	–	–	–	–	5	1	1	1
Trinity Newington	23673	22	10	4	1	1	–	1	–	1	–	–	–	–	–	–	–
St. Peter Walworth *W*	48232	26	20	7	6	–	1	–	–	1	–	–	–	–	–	–	9
St. Mary Newington	16786	13	5	–	3	–	–	–	–	–	–	1	–	–	–	–	–
St. Olave Southwark H	4157	3	5	–	–	–	–	–	–	–	–	–	–	–	1	1	4
St. John Horsleydown *W*	10595	8	4	2	–	–	–	–	–	–	–	–	–	2	–	–	–
Leather Market	16785	9	6	4	1	–	–	–	–	–	–	–	–	2	–	–	–
St. Mary Magdalen *W*	15707	21	5	2	–	–	–	–	–	1	–	–	–	–	–	–	1
St. James Bermondsey	47921	50	18	6	3	–	1	–	–	–	–	–	–	3	2	2	–
Rotherhithe *W*	25873	14	16	5	4	–	–	–	–	–	–	–	–	–	1	2	2
Waterloo-road 1st H	14086	8	5	2	1	–	–	–	–	–	–	–	–	3	–	–	–
Waterloo-road 2nd H	18453	32	9	3	–	–	–	–	–	–	–	–	–	1	–	–	–
Lambeth Church 1st H	19470	6	12	4	2	1	–	–	–	–	–	–	–	–	–	1	7
Lambeth Church 2nd *W*	35831	28	15	5	3	–	–	–	–	–	–	–	–	1	–	–	2
Kennington 1st *W*	41284	34	11	3	2	–	1	–	–	2	–	–	–	1	–	–	–
Kennington 2nd	31213	20	14	5	3	1	–	–	1	–	–	–	1	2	–	–	–
Brixton HL	35431	26	15	5	–	2	–	–	–	2	–	–	–	–	–	–	3
Norwood *W*	12534	11	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Clapham HL	27348	21	8	3	–	–	–	–	–	1	–	–	–	1	–	–	–
Battersea *W*	53988	54	21	7	4	–	1	–	–	–	1	–	–	–	2	4	–
Wandsworth HL	19797	18	9	2	2	–	–	–	–	–	–	–	–	–	–	–	5
Putney	9438	6	3	1	1	–	–	–	–	–	–	–	–	–	1	1	–
Streatham	14479	12	7	2	3	–	–	–	–	–	–	–	–	2	–	1	–
Dulwich	4041	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Camberwell *WL*†*L*†	31251	23	11	3	1	–	1	–	–	–	–	–	–	–	–	–	1
Peckham *W*	42159	29	10	2	2	–	–	–	–	1	–	–	–	–	–	–	–
St. George Camberwell	33851	29	13	7	2	–	–	–	–	1	–	–	–	4	1	1	–
St. Paul Deptford	53696	31	9	2	2	–	–	1	–	–	–	–	–	–	–	–	–
St. Nicholas Deptford	6487	2	2	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Greenwich West	21098	13	9	3	–	–	–	–	–	–	–	–	–	–	4	–	–
Greenwich East *WH*	19320	20	9	–	6	–	–	–	–	–	–	–	–	–	–	–	4
Eltham	4528	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lee	16430	8	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Lewisham Village *W*	11508	5	6	–	2	–	–	–	–	–	–	–	–	–	–	–	2
Sydenham	19016	26	11	4	2	–	–	3	–	–	–	–	–	1	–	–	–
Charlton H	9503	3	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–
Woolwich Dockyard	17229	11	8	2	1	1	–	–	–	–	–	1	–	1	–	–	–
Woolwich Arsenal H	18319	9	6	1	1	–	–	–	1	–	–	–	–	–	–	–	–
Plumstead West	13028	12	6	2	–	–	–	–	–	1	–	–	–	–	–	–	–
Plumstead East *W*	15290	11	10	1	2	1	1	–	–	–	–	–	–	–	–	–	–

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13th JULY, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 deg. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	7	..	29·563	81·4	58·1	23·3	70·7	57·4	148·6	52·0	68·4	67·0	13·3	23·1	1·0	+ 8·8	63	ENE.& SE.	SSE. & SSW.	2·3	0·0	0·2	186	0·00	..
MONDAY .	8	..	29·634	70·6	54·0	16·6	60·5	52·8	110·4	46·2	69·4	67·2	7·7	14·6	4·2	— 1·2	76	SW. & W.	W. & WSW.	2·7	0·0	0·5	325	0·00	..
TUESDAY .	9	..	29·684	73·0	52·0	21·0	60·0	56·7	142·2	43·1	68·6	64·2	3·3	14·1	1·7	— 1·7	89	SW. & SSW.	SW. & SSW.	2·3	0·0	0·2	243	0·09	..
WEDNESDAY	10	..	29·728	76·9	49·5	27·4	62·3	52·0	153·5	40·7	68·4	63·5	10·3	19·6	0·0	+ 0·5	69	NW. NE. & SW.	SW. & S.	1·3	0·0	0·0	139	0·00	..
THURSDAY .	11	..	29·697	80·0	57·0	23·0	66·8	60·3	125·0	52·0	68·4	64·0	6·5	17·2	4·7	+ 5·0	80	SSE. & SW.	SSW. & ESE.	3·7	0·0	0·1	158	0·46	..
FRIDAY . .	12	In Equator	29·753	77·2	54·5	22·7	63·3	55·8	138·0	52·8	68·9	67·0	7·5	18·7	0·0	+ 1·3	77	WSW. & W.	WSW. & SW.	1·7	0·0	0·1	186	0·00	..
SATURDAY .	13	FirstQr.	29·655	71·7	52·1	19·6	58·0	54·8	142·5	43·6	69·2	66·5	3·2	12·4	0·6	— 4·3	89	SSW.	SW. & NE.	0·5	0·0	0·0	107	0·16	..
MEANS . .		..	29·673	75·8	53·9	21·9	63·1	55·7	137·2	47·2	68·8	65·6	7·4	17·1	1·7	+ 1·2	78	SW.		..	..	..	Sum 1344	Sum 0·71	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JULY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	7	Positive, with weak tension in the afternoon and evening.	Very fine, but cloudy throughout. A shower of rain fell between 5h. and 6h. P.M.
MONDAY .	8	Weak positive in the morning and evening.	Overcast generally till the evening, and a little thin rain fell. The clouds became broken at night, and an aurora borealis was observed. Magnetic perturbations prevailed during the night.
TUESDAY .	9	Weak negative in afternoon.	Generally cloudy till night, then nearly cloudless. Frequent showers of rain fell. Auroral light, with magnetic disturbance at night.
WEDNESDAY	10	Positive, with variable tension; sparks and galvanic currents at night.	Very fine, with light clouds prevalent. Clouds much denser about 9h. P.M.
THURSDAY .	11	Very strong positive and negative, with sparks and galvanic currents during thunder-storm.	Rain fell heavily in early morning. Very cloudy throughout. About 9h. P.M. very dense masses came up, and a heavy thunder-storm occurred. Flashes of lightning and peals of thunder almost continuous between 8h. 45m. and 9h. 15m. P.M., and rain fell very heavily shortly after 9h. P.M.
FRIDAY .	12	Moderate positive at night.	Generally overcast till noon. Very fine with small amounts of cloud prevalent afterwards.
SATURDAY .	13	Very strong electricity, both positive and negative, manifested. Sparks and galvanic currents occasionally.	Very dense clouds generally prevalent. Thunder heard occasionally, and rain fell in early morning and at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·72 in. at the beginning of the week to 29·54 in. by 9h. P.M. on the 7th; increased to 29·71 in. by 9h. P.M. on the 8th; decreased to 29·67 in. by noon on the 9th; increased to 29·75 in. by 9h. A.M. on the 10th; decreased to 29·69 in. by 3h. P.M. on the 11th; increased to 29·77 in. by 9h. P.M. on the 12th; decreased to 29·64 in. by 3h. P.M. on the 13th; and was 29·66 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
22d July 1872.

United Kingdom.

During the week ending Saturday last, 5252 *births* and 3278 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 22 per 1000 persons living, in Glasgow 25 per 1000, and in Dublin 22; the fatal cases of small-pox in Dublin, were 18, against 20 and 35 in the two preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 23 per 1000; Portsmouth 25, Norwich 20, Bristol 17, Wolverhampton 18, Birmingham 21, Leicester 21, Nottingham 28, Liverpool 23, Manchester 23, Salford 16, Oldham 26, Bradford 25, Leeds 24, Sheffield 24, Hull 32, Sunderland 26, and Newcastle-upon-Tyne 29. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 110, 89, and 71, were last week 78. The annual death-rate from this disease was equal to 9 per 1000 in Portsmouth, and 6 in Leicester. The deaths referred to diarrhœa in these eighteen towns further rose from 113 and 226 in the two previous weeks to 370, showing an average annual death-rate of 3 per 1000; this rate was 7 per 1000 in Hull, 4 in London, 3 in Bradford, and exceeded 2 per 1000 in Nottingham, Leeds, and Sheffield.

London.

In London 2151 births and 1467 deaths were registered last week. After making due allowance for increase of population, the births were 22, and the deaths 144, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been 17, 19, and 20 per 1000 in the three preceding weeks, further rose to 23 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 22 per 1000 in the West, 20 in the North, 27 in the Central, 28 in the East, and 21 in the South groups of Districts.

The 1467 deaths included 29 from small-pox, 12 from measles, 3 from scarlet fever, 5 from diphtheria, 60 from whooping-cough, 23 from different forms of fever (of which 4 were certified as typhus, 9 as enteric or typhoid, and 10 as simple continued fever), and 258 from diarrhœa; thus to the seven principal diseases of the zymotic class 390 deaths were referred, against numbers increasing steadily from 164 to 295 in the five preceding weeks. This increase was almost entirely due to the fatality from infantile diarrhœa. The 15 deaths referred to measles and scarlatina were no less than 88 below the corrected average weekly number; the 60 fatal cases of whooping-cough, however, showed an excess of 18, and were all of children under 5 years of age, 4 each occurring in Regent's Park and Kent Road sub-districts.

The deaths from small-pox, which had been 43, 35, and 26 in the three preceding weeks, were 29 last week, including 11 which were recorded in the special small-pox hospitals; out of those institutions, 2 each occurred in Kentish Town, Bow, and London Road sub-districts.

The mean temperature of the air last week at the Royal Observatory was 61°·4, and 0°·6 below the average for the corresponding week in 50 years; on Monday it was only 55°·9 and 6°·6 below the average, while on Saturday it was 69°·0 or in excess by 7°·6. On Saturday the thermometer in the shade registered 83°·9, and in the sun, with a blackened bulb in vacuo, 156°·2.

The fatal cases of diarrhœa, which had been 61 and 148 deaths in the two previous weeks, further rose to 258, of which 246 were of children under five

years of age, including 219 of infants under one year; these 258 deaths exceeded the corrected average weekly number by 28. The annual death-rate from diarrhœa last week, which averaged 4 per 1000 in the whole of London, ranged from 2·6 in the South, to 6·3 in the East groups of registration districts. To simple cholera and choleraic diarrhœa the deaths of 14 infants, and of 3 adults were referred last week.

Four deaths were registered in Margaret-street, Clerkenwell, and one of the informants stated to the registrar that the drainage is very defective.

The deaths of 12 infants and of one adult were directly referred to syphilis, showing an excess of 5 upon the corrected weekly average.

To different forms of violence 67 deaths were referred; 56 were the result of negligence or accident, including 26 from fractures and contusions, 2 from burns and scalds, 14 from drowning, and 8 of infants under one year of age, from suffocation. The deaths of one adult, and of one infant, were referred to sunstroke. Ten cases of suicide were registered during the week.

No less than 8 of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 52 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 21st instant; of these, 43 occurred in the Metropolitan, and 9 in the City Police Districts.

Indian Cities.

In Bombay the deaths registered during the week ending June 18th were 349, and the annual death-rate was equal to 28 per 1000 of the recently enumerated population; 57 fatal cases of small-pox occurred, against 56 and 45 in the two preceding weeks. In Calcutta 179 deaths were returned in the week ending the 1st of June. In Madras the 270 deaths in the week ending June 7th showed an annual death-rate equal to 36 per 1000.

Foreign Cities.

In Paris 696 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 20 per 1000 of the estimated population. In Brussels 66 deaths occurred in the week ending the 13th instant, and the annual death-rate was 19 per 1000. In Berlin during the week ending last Thursday 626 deaths were recorded, showing an annual rate of 39 per 1000; 199 deaths were referred to infantile diarrhœa, and 27 to enteric fever. In Vienna the 321 deaths in the week ending the 13th instant gave an annual rate of 27 per 1000; 70 deaths were referred to small-pox, against 61 and 75 in the two previous weeks. In Rome 166 deaths were registered in the week ending the 7th instant, and the annual death-rate was 35 per 1000.

In the City of New York 768 deaths were registered in the week ending June 29th, and the equivalent annual rate of mortality was 42 per 1000; diarrhœal diseases caused 266 deaths, equal to an annual rate of 14·7 per 1000.

Cholera in Russia.

Dr. Zuelzer, of Berlin, has forwarded some returns relating to the prevalence of cholera in Russia, which he has received from the medical department at St. Petersburgh. In that city, the total deaths from cholera up to 11th instant were 240, and in the week ending 14th, 126; estimating the present population of the city at 700,000, these 126 deaths were equal to an annual rate of 9 per 1000, or to 596 in a population equal to that of London. In Moscow the fatal cases in the week ending 6th were 32, but the prevalence of the disease has since declined. Cholera also prevails at Odessa, and 84 deaths were referred thereto in the week ending 3rd. In other parts of South Russia the fatality recently reported has decreased.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·80 in.; the highest reading was 29·93 in. on Saturday morning, and the lowest 29·66 in. at the beginning of the week. The mean temperature of the *air* was 61°·4, or 0°·6 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Tuesday, Friday, and Saturday, but was below the average on each of the other days; on Monday it was only 55°·9, and 6°·6 below the average, while on Saturday it was 69°·0, and in excess by 7°·6. The highest day temperature in the shade was 83°·9 on Saturday, and the lowest night temperature 47°·0 on Thursday; the entire range in the week was, therefore, 36°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 156°·2 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 5°·5. The mean temperature of the water in the Thames, derived from

daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 66°·3. The mean degree of *humidity* of the air was 83, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on Sunday, Monday, and Thursday, to the amount of ·16 of an inch.

The mean temperature of the week in the other large English towns furnishing returns, ranged from 55°·3 in Newcastle, to 61°·4 in Portsmouth; the lowest recorded night temperature was 41°·8 in Norwich, and the highest day temperature in the shade 80°·0 in the same town. Rain was measured in each in these towns except in Liverpool; the amounts varied from ·01 of an inch in Wolverhampton, to 1·23 inches in Leeds.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 220,597 cubic metres, and at Barking 272,697 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the TWENTY-NINTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1812	1810	1870	1953	2023	1910	2014	2119	2137	2110	1975·8	2151
Males . .	921	930	976	1033	1008	976	1017	1076	1070	1075	1008·2	1068
Females .	891	880	894	920	1015	934	997	1043	1067	1035	967·6	1083
TOTAL **Deaths**	1111	1364	1399	1467	1798	1230	1642	1600	1754	1281	1464·6	1467
Males . .	585	725	701	739	908	637	876	824	900	697	759·2	796
Females .	526	639	698	728	890	593	766	776	854	584	705·4	671

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.
TOTAL **Deaths** - - -	1415	1387	1250	1268	1205	1336	1289	1207	1230	1070	1193	1285	1467
Deaths under 5 years of age -	572	565	499	523	495	527	536	449	470	416	518	628	765
Deaths 5—20 - - -	110	108	103	91	91	83	90	97	85	88	89	76	91
Deaths 20—40 - - -	198	215	186	200	188	198	200	211	198	163	197	172	188
Deaths 40—60 - - -	250	260	201	215	204	241	220	217	217	206	178	204	200
Deaths 60—80 - - -	233	199	206	199	190	234	201	189	215	167	173	163	187
Deaths at 80 years & upwards	52	40	55	40	37	53	42	44	45	30	38	42	36
Deaths from Smallpox - -	41	62	39	54	54	37	27	37	26	43	35	26	29
„ „ Measles - -	58	64	35	47	41	59	39	33	41	33	42	28	12
„ „ Scarlet Fever -	17	11	10	16	20	18	18	12	9	11	17	12	3
„ „ Diphtheria -	7	6	9	5	5	10	4	3	6	—	3	3	5
„ „ Whooping-cough	85	81	83	73	74	72	63	41	53	44	46	58	60
„ „ Typhus fever -	3	5	4	2	1	3	8	1	2	2	3	4	4
„ „ Enteric (or Typhoid) fever -	17	10	15	11	8	13	18	12	11	14	10	11	9
„ „ Simple Contd fever	6	5	8	12	7	12	7	9	10	4	6	5	10
„ „ Diarrhœa - -	15	9	10	14	9	15	24	16	25	37	61	148	258
„ „ Simple Cholera -	—	1	—	—	—	—	2	—	1	2	4	12	17
„ „ Phthisis - -	178	193	165	174	150	186	172	181	160	159	166	166	148
„ „ Bronchitis - -	149	146	121	114	114	130	116	100	108	60	72	67	66
„ „ Pneumonia -	91	62	58	63	59	72	76	53	52	41	36	50	53
„ „ Heart Disease -	80	64	58	54	78	61	68	64	70	62	68	57	66
Mean Temperature of the Air	50°·1	52°·6	47°·2	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4
Mean Temperature of the Water of the Thames -	51·1	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3
Humidity of the Air - -	77	72	80	86	72	74	83	80	69	72	66	78	83
Rain-fall in inches - -	0·38	0·14	0·85	1·95	0·05	0·15	0·77	0·33	0·19	0·45	0·31	0·71	0·16

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 20th day of July 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 20th July 1872.	DEATHS registered during the Week ending 20th July 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5252	3278	83·9	41·0	59·5	15·28	0·28	0·
LONDON	78,080	3,311,298	42·4	2151	1467	83·9	47·0	61·4	16·33	0·16	0·
PORTSMOUTH	9,513	115,455	12·1	84	55	78·6	49·2	61·4	16·33	0·40	1·
NORWICH	7,472	81,105	10·9	52	31	80·0	41·8	58·3	14·61	0·41	1·
BRISTOL	4,688	186,428	39·8	121	60	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	48	24	77·3	49·8	60·5	15·83	0·01	0·
BIRMINGHAM	7,831	350,164	44·7	275	138	77·3	50·4	59·8	15·44	0·42	1·
LEICESTER	3,200	99,143	31·0	77	40	—	—	—	—	—	—
NOTTINGHAM	1,996	88,225	44·2	70	48	78·9	46·2	59·0	15·00	0·36	0·
LIVERPOOL	5,108	499,897	97·9	425	217	73·9	51·5	59·8	15·44	0·00	0·
MANCHESTER	4,486	352,759	78·6	265	155	77·0	52·3	60·9	16·06	0·10	0·
SALFORD	5,172	127,923	24·7	116	39	77·7	45·0	59·1	15·05	0·04	0·
OLDHAM	4,167	84,004	20·2	88	42	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	71	73	73·2	49·0	59·4	15·22	1·00	2·
LEEDS	21,572	266,564	12·4	232	120	72·0	47·0	57·6	14·22	1·23	3·
SHEFFIELD	22,830	247,847	10·9	191	116	76·0	48·0	59·1	15·05	0·07	0·
HULL	3,562	124,976	35·1	100	76	—	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	74	51	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	108	72	70·0	48·0	55·3	12·94	0·19	0·
EDINBURGH	4,427	205,146	46·3	122	85	72·0	43·7	58·4	14·66	0·03	0·
GLASGOW	5,063	489,136	94·8	447	239	73·5	44·2	59·2	15·11	0·02	0·
DUBLIN	9,745	310,565	31·9	135	130	79·9	41·0	62·6	17·00	0·00	0·

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 18 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevai between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 20th day of July 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	23	2824	998	454	78	34	30	9	114	45	370	126	197	37
LONDON	23	1467	565	223	29	12	8	5	60	23	258	67	114	23
PORTSMOUTH	25	55	10	9	19	–	–	–	2	2	1	2	2	
NORWICH	20	31	15	10	1	–	–	–	2	–	1	1	3	
BRISTOL	17	60	10	20	6	1	–	–	–	1	2	3	2	
WOLVERHAMPTON	18	24	4	2	1	1	1	–	–	–	–	–	–	
BIRMINGHAM	21	138	40	21	3	–	6	3	8	–	10	8	12	1
LEICESTER	21	40	15	3	11	2	–	–	–	–	3	1	2	
NOTTINGHAM	28	48	22	8	–	–	–	–	3	1	4	–	–	
LIVERPOOL	23	217	70	35	–	12	5	–	20	5	18	10	11	2
MANCHESTER	23	155	44	27	3	1	6	1	4	2	16	7	16	2
SALFORD	16	39	15	6	–	–	2	–	2	1	3	2	4	
OLDHAM	26	42	12	2	–	–	–	–	1	–	2	2	2	
BRADFORD	25	73	20	14	–	3	2	–	1	3	9	5	5	
LEEDS	24	120	42	25	–	–	–	–	5	3	11	5	5	1
SHEFFIELD	24	116	35	16	4	1	3	–	2	2	10	5	7	
HULL	32	76	35	11	–	–	–	–	2	–	16	4	6	
SUNDERLAND	26	51	20	8	–	–	1	–	1	2	2	1	1	
NEWCASTLE-ON-TYNE	29	72	24	14	1	1	1	–	1	–	4	3	5	1
DUBLIN	22	130	17	23	18	7	3	–	–	4	3	2	1	3

Table 5. Deaths in London Registered in the Twenty-ninth Week of the Year 1872.

CAUSES OF DEATH.	Average in the Twenty-ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 20, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 64·3	° 61·4						
ALL CAUSES – –	1464·6	1467	765	91	188	200	187	36
SPECIFIED CAUSES	1454·7	1462	762	90	187	200	187	36
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	30·1	29	12	4	9	3	1	–
Measles – – –	36·1	12	11	1	–	–	–	–
Scarlet Fever (Scarlatina)	57·3	3	2	–	1	–	–	–
Diphtheria – – –	8·5	5	–	4	1	–	–	–
Quinsy – – –	1·1	1	–	–	–	–	1	–
Croup – – –	10·6	13	9	4	–	–	–	–
Whooping-cough – –	58·3	60	60	–	–	–	–	–
Typhus – – –	47·8	4	–	1	3	–	–	–
Enteric or Typhoid Fever		9	4	3	1	–	1	1
Simple continued Fever –		10	1	4	–	2	3	–
Erysipelas – – –	6·5	7	3	–	–	3	1	–
Puerperal Fever (Metria)	2·8	4	–	–	4	–	–	–
Carbuncle – – –	·7	1	–	–	–	–	–	1
Influenza – – –	·2	1	1	–	–	–	–	–
Dysentery – – –	2·9	2	1	–	–	1	–	–
Diarrhœa – – –	209·1	238	246	2	–	1	7	2
Simple Cholera – –	50·8	17	14	–	1	1	1	–
Ague – – – –	·3	–	–	–	–	–	–	–
Remittent Fever – –	·7	–	–	–	–	–	–	–
Rheumatism – – –	8·1	10	–	3	2	4	1	–
Other *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	7·5	13	12	–	1	–	–	–
Stricture of Urethra –	1·2	1	–	–	–	–	1	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	·1	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·5	–	–	–	–	–	–	–
Want of Breast milk –	11·9	18	18	–	–	–	–	–
Purpura and Scurvy –	·8	4	3	1	–	–	–	–
Alcoholism *a* Del. Tremens –	4·3	2	–	–	2	–	–	–
Alcoholism *b* Intemperance –	1·7	3	–	–	2	1	–	–
ORDER 4.								
Thrush – – – –	5·5	6	6	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	1·0	3	–	–	–	1	2	–
Dropsy – – – –	11·7	12	4	–	–	2	6	–
Cancer – – – –	28·9	39	1	–	5	21	10	2
Cancrum Oris (Noma) –	·5	1	1	–	–	–	–	–
Mortification – – –	3·2	3	–	–	–	–	2	1
ORDER 2.								
Scrofula – – – –	9·7	14	8	4	1	–	1	–
Tabes Mesenterica – –	29·6	29	28	1	–	–	–	–
Phthisis – – –	151·1	148	4	16	80	40	8	–
Hydrocephalus – –	34·3	26	25	–	1	–	–	–
II. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	13·9	19	11	6	2	–	–	–
Apoplexy – – –	29·8	30	4	–	3	7	15	1
Paralysis – – –	27·7	25	–	–	1	8	16	–
Insanity – – –	2·0	1	–	–	–	1	–	–
Chorea – – – –	·1	1	–	–	1	–	–	–
Epilepsy – – –	6·8	5	–	–	2	3	–	–
Convulsions – – –	55·0	48	47	–	–	–	1	–
Brain Disease, &c. –	18·9	13	1	1	1	5	4	1
ORDER 2.								
Pericarditis – –	1·7	–	–	–	–	–	–	–
Aneurism – – –	2·2	3	–	–	2	1	–	–
Heart Disease, &c. –	51·8	66	1	6	13	20	25	1
ORDER 3.								
Laryngitis – – –	4·7	3	2	–	–	1	–	–
Bronchitis – – –	55·6	66	23	2	–	14	21	6
Pleurisy – – –	2·0	1	–	–	1	–	–	–
Pneumonia – – –	43·6	53	29	3	12	7	2	–
Asthma – – – –	4·1	3	–	–	–	1	1	1
Lung Disease, &c. –	9·3	15	7	–	2	4	2	–
ORDER 4.								
Gastritis – – –	2·1	2	1	–	–	–	1	–
Enteritis – – –	8·4	10	6	–	1	1	1	1
Peritonitis – – –	6·3	3	1	–	2	–	–	1
Ascites – – – –	2·5	4	1	–	1	1	–	1
Ulceration of Intestines –	2·3	3		–	2	–	1	–
Hernia – – – –	3·1	1	–	–	–	1		–
Ileus – – – –	2·8	6	1	–	–	2	2	1
Intussusception – –	·8	2	2	–	–	–	–	–

CAUSES OF DEATH.	Average in the Twenty-ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 20, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 64·3	° 61·4						
9. Stricture of Intestines –	1·1	3	–	–	–	2	1	–
10. Fistula – – –	·1	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·3	9	3	–	–	1	5	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – –	3·9	1	1	–	–	–	–	–
14. Jaundice – – –	4·3	2	1	–	–	–	1	–
15. *Liver Disease, &c.* –	17·0	17	–	–	3	6	7	1
16. *Spleen Disease, &c.* –	·3	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·2	3	–	–	–	3	–	–
2. Ischuria – – –	·3	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·4	12	–	2	4	2	4	–
4. Diabetes – – –	1·8	3	–	–	–	2	1	–
5. Calculus (Stone) – –	·7	1	–	–	–	1	–	–
6. Cystitis – – –	1·0	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* –	8·1	6	–	–	1	2	3	–
ORDER 6.								
1. Ovarian Dropsy –	1·2	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·8	4	–	–	1	3	–	–
ORDER 7.								
1. Synovitis (Arthritis) –	·8	1	–	–	–	1	–	–
2. *Joint Disease, &c.* –	3·4	6	–	3	–	2	1	–
ORDER 8.								
1. Phlegmon – – –	1·3	1	–	1	–	–	–	–
2. Ulcer – – – –	·7	2	–	–	–	1	1	–
3. *Skin Disease, &c.* –	1·0	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	21·2	28	28	–	–	–	–	–
2. Cyanosis – – –	1·9	–	–	–	–	–	–	–
3. Spina Bifida – –	1·1	–	–	–	–	–	–	–
4. Other Malformations –	1·6	4	4	–	–	–	–	–
5. Teething – – –	15·1	8	8	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	—	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – –	4·2	4	–	–	3	1	–	–
ORDER 3.								
1. Old Age – – – –	39·4	27	–	–	–	–	13	14
ORDER 4.								
1. Atrophy and Debility –	80·1	101	90	2	2	1	6	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	18·2	26	4	8	4	6	4	–
2. Wounds Gunshot –	·3	–	–	–	–	–	–	–
2. Wounds Cut, Stab –		2	–	–	–	1	1	–
3. Burns and Scalds – –	3·4	2	1	1	–	–	–	–
4. Poison – – – –	·6	1	1	–	–	–	–	–
5. Drowning – – –	10·6	14	–	8	3	3	–	–
6. Suffocation – – –	6·1	8	8	–	–	–	–	–
7. Otherwise – – –	2·0	3	1	–	2	–	–	–
ORDER 3.								
(HOMICIDE.)								
1. Murder and Manslaughter	1·9	–	–	–	–	–	–	–
ORDER 4.								
(SUICIDE.)								
1. Wounds Gunshot –	·5	2	–	–	2	–	–	–
1. Wounds Cut, Stab –	1·3	3	–	–	–	2	–	1
2. Poison – – – –	·7	–	–	–	–	–	–	–
3. Drowning – – –	1·1	2	–	–	1	–	1	–
4. Hanging – – –	1·1	2	–	–	–	2	–	–
5. Otherwise – – –	·1	1	–	–	–	1	–	–
ORDER 5.								
(EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	1	–	–	1	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·3	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	7·6	5	3	1	1	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2151	1467	565	223	29	12	3	5	60	4	9	10	258	67	114
WEST DISTRICTS	561,189	315	253	90	46	3	–	–	2	11	1	1	2	45	9	17
NORTH DISTRICTS	751,668	483	295	130	50	11	5	1	–	8	1	1	3	49	10	18
CENTRAL DISTRICTS	333,887	184	188	72	27	1	2	–	–	5	–	2	–	36	8	14
EAST DISTRICTS	638,928	515	341	147	45	6	4	1	–	14	1	–	2	78	19	34
SOUTH DISTRICTS	966,132	654	390	126	55	8	1	1	3	22	1	5	3	50	21	31
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	39	30	15	2	–	–	–	–	3	–	–	–	8	1	–
St. John Paddington H	38082	9	16	3	2	–	–	–	–	–	–	–	1	1	4	4
Kensington Town *WL*	91583	63	42	17	5	1	–	–	–	2	–	–	–	3	–	1
Brompton H	28651	13	6	3	1	–	–	–	–	–	–	–	–	1	–	–
St. Peter Hammersmith	6062	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	23	15	5	7	–	–	–	–	1	–	–	–	3	–	1
Fulham *WLLLL*	23378	15	15	6	1	–	–	–	–	–	–	–	1	3	–	–
Chelsea South HH	26419	12	11	2	2	1	–	–	1	–	–	–	–	1	1	1
Chelsea North-west H*Ww*	23278	20	11	5	2	–	–	–	–	–	1	–	–	3	–	1
Chelsea North-east L	21389	12	6	3	–	1	–	–	–	2	–	–	–	1	–	–
Hanover Square	18700	7	2	–	1	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	2	3	–	3	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	34	21	4	6	–	–	–	–	1	–	–	–	3	–	1
St. John Westminster HHH	38470	21	20	12	1	–	–	–	–	–	–	–	–	3	–	2
St. Margaret Westminster *WW*HH	27640	20	31	5	9	–	–	–	–	–	–	–	–	2	3	6
St. James's Square	10453	3	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	6	6	3	1	–	–	–	–	–	–	–	–	1	–	–
Berwick-street	10279	3	4	2	1	–	–	–	–	–	–	–	–	1	–	–
St. Anne Soho HH	17555	6	12	4	1	–	–	–	1	2	–	1	–	1	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	16	10	2	2	–	–	–	–	–	–	–	–	1	–	–
Cavendish Square	15419	6	4	1	2	–	–	–	–	–	–	–	2	–	–	–
Rectory Marylebone *WH*	26387	13	18	1	8	–	–	–	–	1	–	–	–	1	–	–
St. Mary Marylebone H	21795	12	7	4	1	–	–	–	–	–	–	–	–	3	–	–
Christchurch Marylebone	33802	13	16	8	4	–	–	–	–	–	–	–	–	4	–	3
St. John Marylebone	33110	16	12	3	2	–	–	–	–	–	–	–	–	2	–	–
Hampstead *W*HH	32271	11	9	–	3	4	–	–	–	–	–	1	–	–	1	1
Regent's Park Pancras	38192	35	22	12	2	–	–	–	–	4	–	–	–	2	3	4
Tottenham-court *w*H	29360	18	20	11	2	–	–	–	–	–	–	–	–	3	1	1
Gray's Inn Lane H	29216	15	14	7	–	–	–	–	–	–	–	–	–	3	1	4
Somers Town	38562	19	10	6	1	–	1	–	–	–	–	–	–	3	–	1
Camden Town *W*	18066	15	15	8	2	–	–	–	–	–	–	–	–	1	–	–
Kentish Town *W*	68198	48	23	16	1	2	–	–	–	–	–	–	–	10	–	1
Islington West HHH	97801	73	31	18	5	–	2	–	–	–	–	–	1	6	1	–
Islington East *Ww*H	115948	89	42	18	11	–	1	–	–	1	–	–	–	5	–	–
Stoke Newington L	9810	7	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	26	10	4	2	1	–	1	–	2	–	–	–	2	–	–
Hackney *Ww*HHL	50087	28	21	5	–	4	1	–	–	–	1	–	–	2	3	3
South Hackney L	30305	17	8	5	1	–	–	–	–	–	–	–	–	1	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	5	6	4	–	–	1	–	–	–	–	–	–	2	–	–
St. Giles South *WH*	19089	18	28	8	6	–	–	–	–	–	–	–	–	5	–	1
St. Giles North	16497	8	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	6	5	2	–	–	–	–	–	–	–	–	–	1	–	1
Charing Cross H	9831	1	5	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	3	2	–	–	–	–	–	–	–	–	–	–	–	1	1
St. Clement Danes H	10711	5	6	2	2	–	–	–	–	–	–	–	–	–	1	1
St. George-the-Martyr HHH	20521	8	7	3	1	–	–	–	–	–	–	–	–	1	–	–
St. Andrew Eastern *W*	13528	4	15	5	6	–	–	–	–	1	–	–	–	1	1	3
Saffron Hill	9051	–	5	3	1	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	11	16	8	–	–	–	–	–	1	–	–	–	5	–	–
Amwell Clerkenwell	16878	13	6	1	–	–	–	–	–	–	–	–	–	2	–	–
Pentonville	13293	7	8	5	1	–	–	–	–	–	–	–	–	3	–	–
Goswell-street	16220	5	8	3	–	1	–	–	–	1	–	–	–	2	–	1
Old-street H	12156	9	7	3	–	–	–	–	–	2	–	–	–	3	–	–
City-road *WHHL*	18291	26	14	6	3	–	1	–	–	–	–	2	–	3	–	–
Whitecross-street	13790	15	11	7	2	–	–	–	–	–	–	–	–	3	–	–
Finsbury	10732	8	5	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Botolph East London HH	14484	5	11	4	2	–	–	–	–	–	–	–	–	2	1	1
Cripplegate	13339	7	3	1	1	–	–	–	–	–	–	–	–	1	–	–
St. Sepulchre H	7562	5	6	–	2	–	–	–	–	–	–	–	–	–	3	3
St. Bride *W*	11184	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	3	2	–	–	–	–	–	–	–	–	–	1	–	1
Allhallows Barking	5694	2	1	–	–	–	–	–	–	–	–	–	–	–	1	1
Broad Street	7838	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ver, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district urday, 20th July 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
lywell Shoreditch	12429	13	4	3	–	–	–	–	–	2	–	–	–	1	–	1	–
Leonard Shoreditch HL†	16545	13	6	3	1	–	–	–	–	–	–	–	–	2	–	1	–
xton New Town *w*	27832	17	26	9	2	–	1	1	–	–	–	–	–	10	1	2	–
xton Old Town	26944	18	21	8	4	–	–	–	–	–	–	–	–	5	–	–	–
ggerstone West *W*	24153	18	11	6	1	–	–	–	–	–	–	–	–	3	–	–	1
ggerstone East	19257	23	7	2	–	–	–	–	–	–	–	–	–	2	–	–	–
ckney-road	29808	37	12	9	–	1	–	–	–	–	–	–	–	3	–	–	–
een, Bethnal Green *WHL*†	42443	28	28	5	4	–	–	–	–	–	–	–	–	1	6	13	8
urch, Bethnal Green	26574	16	9	5	–	1	–	–	–	–	–	–	–	3	–	–	–
wn, Bethnal Green	21375	15	9	8	–	–	–	–	–	–	–	–	–	7	–	–	–
tillery Whitechapel	6651	4	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
tatfields	15844	9	14	9	1	–	–	–	–	1	–	–	–	1	1	–	–
le End New Town *W*	15550	22	14	9	1	–	–	–	–	–	1	–	–	5	1	1	3
itechapel North	11434	10	9	3	1	–	–	–	–	–	–	–	–	1	–	–	–
itechapel Church H	7323	11	18	1	5	–	–	–	–	–	–	–	–	1	4	4	13
odman's Fields	10381	8	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
lgate	9149	1	5	3	–	–	–	–	–	2	–	–	–	1	–	–	–
Mary St. George East	17906	13	9	2	–	–	–	–	–	–	–	–	1	4	–	1	–
Paul St. George East	21356	17	8	5	2	–	–	–	–	1	–	–	–	1	–	2	–
John St. George East *W*	8973	6	5	1	1	–	–	–	–	–	–	–	–	–	–	–	2
adwell	11623	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
tcliff H	15930	13	7	3	2	1	–	–	–	–	–	–	–	4	1	1	2
mehouse *W*	30025	22	11	4	2	–	–	–	–	1	–	–	–	1	1	3	–
le End Old Town West	38126	38	22	10	4	–	3	–	–	–	–	–	–	4	–	–	–
le End Old Town East *W*H	55020	42	22	7	2	–	–	–	–	3	–	–	–	3	–	1	2
w *W*HL†	67777	60	38	20	6	2	–	–	–	3	–	–	1	10	2	2	9
plar *WW*	48500	38	24	10	5	1	–	–	–	1	–	–	–	5	2	2	2
South Districts.																	
ristchurch Southwark *W*	14547	12	8	3	–	–	–	–	–	–	–	–	–	–	–	–	1
Saviour Southwark H	15667	14	9	1	–	–	–	–	–	–	–	–	–	–	–	–	1
ent-road	20430	10	14	7	1	–	–	–	–	4	–	–	–	5	1	1	–
orough-road *WH*	16694	10	12	5	–	–	–	–	–	–	–	–	–	4	–	1	1
ondon-road L	18959	13	6	2	1	2	–	–	–	–	–	–	–	–	–	–	1
inity Newington	23673	21	15	10	–	–	–	–	–	2	–	–	–	1	–	–	–
Peter Walworth *W*	48232	38	17	6	3	–	–	–	–	1	1	–	–	4	–	–	–
Mary Newington	16786	9	9	2	5	–	–	–	–	–	–	1	–	1	–	–	–
Olave Southwark H	4157	–	10	1	1	–	–	–	–	–	–	–	–	1	1	1	8
John Horsleydown *W*	10595	6	7	2	–	–	–	–	–	–	–	–	–	1	–	–	2
eather Market	16785	14	9	6	1	–	–	–	–	1	–	–	–	4	–	–	–
Mary Magdalen *W*	15707	8	15	5	4	–	–	–	–	1	–	1	–	2	–	1	4
James Bermondsey	47921	34	13	9	–	–	–	–	–	–	–	–	–	6	–	–	–
otherhithe *W*	25873	16	15	6	1	–	–	–	–	–	–	–	–	2	1	1	1
aterloo-road 1st H	14086	13	5	3	–	–	–	–	–	1	–	–	–	2	–	–	–
aterloo-road 2nd H	18453	19	8	2	–	–	–	–	–	1	–	–	–	1	2	3	–
mbeth Church 1st H	19470	9	20	3	5	1	–	–	–	2	–	–	–	–	1	2	9
mbeth Church 2nd *W*	35831	28	15	4	6	–	–	–	–	1	–	1	–	3	3	4	4
nnington 1st *W*	41284	20	8	4	–	–	–	1	–	1	–	–	–	1	–	–	–
nnington 2nd	31213	19	7	1	1	–	–	–	–	2	–	–	–	1	–	–	–
rixton HL	35431	30	16	1	2	3	–	–	–	–	–	–	1	1	1	–	4
rwood *W*	12534	5	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–
apham HL	27348	5	5	2	–	–	–	–	–	–	–	–	–	2	–	–	–
atterseа *W*	53988	25	21	7	2	–	–	–	–	1	–	–	–	1	2	5	3
andsworth HL	19797	12	7	2	1	–	–	–	–	1	–	–	–	1	–	–	3
tney	9438	6	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
reatham	14479	6	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ulwich	4041	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
amberwell *WL*†*L*†	31251	26	12	1	3	–	–	–	–	1	–	–	–	2	–	–	1
eckham *W*	42159	26	11	5	–	–	–	–	1	1	–	–	–	2	–	–	–
George Camberwell	33851	27	11	2	1	1	1	–	–	1	–	–	–	–	–	–	–
Paul Deptford	53696	40	18	6	5	–	–	–	1	–	–	–	–	–	–	–	–
Nicholas Deptford	6487	11	5	4	–	1	–	–	–	–	–	–	–	–	1	1	–
reenwich West	21098	10	5	2	–	–	–	–	–	–	–	–	–	1	–	–	–
reenwich East *WH*	19320	12	11	1	3	–	–	–	–	–	–	–	1	1	3	3	7
ltham	4528	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
e	16430	10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ewisham Village *W*	11508	9	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–
denham	19016	21	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
arlton H	9503	5	3	–	–	–	–	–	–	–	–	–	–	2	2	1	–
oolwich Dockyard	17229	9	8	3	–	–	–	–	–	–	–	–	–	1	1	–	–
oolwich Arsenal H	18319	10	10	5	1	–	–	–	–	–	–	–	1	–	2	–	–
umstead, West	13028	10	5	1	–	–	–	–	1	–	–	1	–	–	–	–	–
umstead, East *W*	15290	19	9	1	5	–	–	–	–	–	–	1	–	–	2	2	2

e following are Outlying Workhouses (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.
Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th JULY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Therme meter with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	14	..	29·701	76·3	51·4	24·9	60·8	56·3	134·3	42·1	69·1	64·0	4·5	18·0	0·8	— 1·7	85	NNE.	NNW.	3·3	0·0	0·2	232	0·04	..
MONDAY. .	15	..	29·756	63·2	51·5	11·7	55·9	53·2	81·2	45·0	68·9	65·0	2·7	9·4	1·8	— 6·6	91	N.& N.byE.	N. & WSW.	1·3	0·0	0·2	237	0·02	..
TUESDAY .	16	..	29·742	78·7	49·6	29·1	62·6	54·7	139·7	39·4	68·0	64·0	7·9	23·0	1·3	+ 0·2	75	W. by S. & NNE.	WSW. & W.	0·7	0·0	0·1	181	0·00	..
WEDNESDAY	17	..	29·743	66·2	52·4	13·8	57·7	54·1	90·4	42·9	67·6	63·8	3·6	10·8	0·0	— 4·5	88	W.&NNE	NE. & SE.	0·2	0·0	0·0	122	0·00	..
THURSDAY.	18	..	29·826	76·1	47·0	29·1	59·5	57·4	145·2	38·1	67·1	65·4	2·1	18·0	0·0	— 2·4	93	S. NW. & SW.	SW.	1·0	0·0	0·0	178	0·10	..
FRIDAY . .	19	Greatest Dec. S.	29·902	78·7	53·3	25·4	64·6	57·7	140·5	45·8	67·0	65·4	6·9	19·2	2·6	+ 3·0	78	WSW&W	WSW. & SW.	0·5	0·0	0·0	172	0·00	..
SATURDAY.	20	Perigee Full.	29·923	83·9	54·1	29·8	69·0	58·0	156·2	44·9	67·0	65·5	11·0	21·8	0·6	+ 7·6	68	WSW. & SW.	SW. & SSW.	0·7	0·0	0·1	180	0·00	..
MEANS . .		..	29·799	74·7	51·3	23·4	61·4	55·9	126·8	42·6	67·8	64·7	5·5	17·2	1·0	— 0·6	83	Variable.		..	..	..	Sum 1302	Sum 0·16	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. JULY.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	14	No electricity shown.	Very fine in the morning, but the clouds became dense as the day advanced, and rain fell in the afternoon.
MONDAY .	15		Rain fell occasionally in the morning. Generally overcast till night; then nearly cloudless.
TUESDAY .	16		A very fine day throughout. Light types of cloud present after mid-day.
WEDNESDAY	17		Very cloudy till the evening and dull. Fine and nearly cloudless at night. A little thin rain fell in the afternoon.
THURSDAY .	18	Strong positive and negative, with sparks and galvanic currents in the afternoon.	The clouds variable in amount throughout. Generally very fine. Heavy showers occasionally.
FRIDAY .	19	No electricity shown.	Cloudy generally but fine. Hazy and misty. Auroral light at night.
SATURDAY .	20	Moderate positive at night.	A brilliantly fine day, and nearly cloudless throughout.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society s flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·66 in. at the beginning of the week to 29·71 in. by 9h. A.M. on the 14th; decreased to 29·70 in. by 9h. P.M. on the same day; increased to 29·79 in. by 9h. P.M. on the 15th; decreased to 29·72 in. by 9h. P.M. on the 16th; increased to 29·91 in. by 9h. A.M. on the 19th; decreased to 29·88 in. by 3h. P.M. on the same day; increased to 29·93 in. by 9h. A.M. on the 20th; and was 29·92 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
29th July 1872.

United Kingdom.

During the week ending Saturday last, 4755 *births* and 3652 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 26 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 20 per 1000 persons living, in Glasgow 27 per 1000, and in Dublin 23.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 26 per 1000; Portsmouth 24, Norwich 25, Bristol 24, Wolverhampton 18, Birmingham 22, Leicester 29, Nottingham 28, Liverpool 27, Manchester 26, Salford 23, Oldham 32, Bradford 25, Leeds 32, Sheffield 29, Hull 35, Sunderland 19, and Newcastle-upon-Tyne 24. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 71 and 78, were last week 76; the annual death-rate from this disease was equal to 5 per 1000 in Leicester, and 4 in Portsmouth. The deaths referred to diarrhœa in the eighteen towns further rose from 113, 226, and 370 in the three previous weeks to 604, showing an average annual death-rate of 5 per 1000; this rate was equal to 6 per 1000 each in London and Hull, 7 in Leeds, and 8 in Leicester, while it was considerably lower in each of the other towns. An outbreak of scarlet fever occurred last week in Oldham.

London.

In London 2158 births and 1643 deaths were registered last week. After making due allowance for increase of population, the births were 49, and the deaths 140, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had steadily increased from 17 to 23 in the four preceding weeks, further rose to 26 last week, and was higher than in any previous week this year. The rate, after distribution of the deaths in institutions in proportion to population, was 25 per 1000 in the West, 25 in the North, 30 in the Central, 28 in the East, and 24 in the South groups of Districts.

The 1643 deaths included 33 from small-pox, 25 from measles, 7 from scarlet fever, 5 from diphtheria, 50 from whooping-cough, 21 from different forms of fever (of which 3 were certified as typhus, 14 as enteric or typhoid, and 4 as simple continued fever), and 394 from diarrhœa; thus to the seven principal diseases of the zymotic class 535 deaths were referred, against numbers increasing steadily from 164 to 390 in six preceding weeks. This increase may be said to be entirely due to the fatality from infantile diarrhœa. Excepting diarrhœa and whooping-cough, the deaths referred to each of the other principal zymotic diseases were considerably below the corrected average. The 50 deaths from whooping-cough were all, but one, of children under 5 years of age; 6 occurred in Bermondsey.

The deaths from small-pox, which had been 26 and 29 in the two preceding weeks, further rose to 33 last week, including 10 which were recorded in the special small-pox hospitals; out of those institutions, 3 occurred in Kensington Town, and 2 each in Bow and Waterloo Road second sub-districts.

The mean temperature of the air at the Royal Observatory, Greenwich, was 71°·1 last week, and 9°·3 above the average for the corresponding week in 50 years; Thursday was the hottest day, when the thermometer in the shade rose to 90°·9, and the mean temperature was 75°·4. The heat was greater last week than any experienced in London since July 1868, when during the eight days from 15th to 22nd July the mean temperature averaged 73°·6; on four of these days the thermometer in the shade rose above 90°, and on 22nd to 96°·6, while in the sun 168° was recorded.

The rise in the temperature both of the air and water has caused the large increase in the deaths from diarrhœa; from 61, 148, and 258 in the three previous weeks they further rose to 394 last week, of which no less than 378 were of children under 5 years of age, including 324 of infants under one year of age. The importance of pure water to children who drink freely in hot weather cannot be over-rated. When will the supply of water—a greater necessary of life than bread—cease to be a monopoly in our great cities?

The deaths from diarrhœa last week exceeded by 88 the corrected average weekly number, and the annual death-rate from the disease, which averaged 6 per 1000 in the whole of London, ranged from 4·8 in the South, to 7·6 in the East and 8·8 in the Central groups of registration districts. Simple cholera and choleraic diarrhœa caused the deaths of 16 infants and of 3 adults.

To different forms of violence 53 deaths were referred; 42 were the result of negligence or accident, including 20 from fractures and contusions, 4 from burns and scalds, 7 from drowning, and 6 of infants under one year of age from suffocation. The deaths of one adult and of 2 young children were referred to sunstroke. Six cases of suicide, one of manslaughter, and 3 of infanticide, were registered last week. With reference to one of the latter cases the registrar of St. John Marylebone remarks that it was the third murdered infant whose body had been found in that part of the Regent's Canal during the past month.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 74 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 28th July; of these, 68 occurred in the Metropolitan, and 6 in the City Police Districts.

In the large Public Institutions 237 deaths were recorded, or 14 per cent. of the total deaths; of these 133 occurred in Workhouses and 96 in Hospitals.

Dr. Frankland, F.R.S., reports that all the Metropolitan Water Companies drawing their supply from the Thames and Lea, delivered water during July in a clear and transparent condition. The temperature of the river waters, as delivered to consumers, varied from 64°·9 Fahrenheit (18°·3 Centigrade) to 69°·1 (20°·6 Centigrade); water at this temperature tastes vapid and unpleasant. The Kent Company's deep well water was delivered at a temperature of only 57°·9 Fahrenheit, or 14°·4 Centigrade. Taking unity to represent the amount of organic impurity in a given volume of Kent Company's water, the proportional quantity in an equal volume of water supplied by the other Metropolitan Companies was:—New River 1·6, East London 3·0, Grand Junction 3·5, Southwark 3·6, West Middlesex 3·7, and Chelsea and Lambeth 3·8. Dr. Hill reports of the Birmingham water that it was very turbid, but that the total solid impurity and hardness, as also the previous sewage contamination, were unusually low.

Major Bolton, Water Examiner to the Board of Trade, reports that the condition of the Thames at the intake of the West Middlesex, Grand Junction, and Southwark and Vauxhall Companies was generally good during the month ending 16th July; at Ditton, however, where the Chelsea and Lambeth Companies draw their supply, the state of the river was indifferent for a considerable portion of the month. Major Bolton notices that the rapid vegetable growth in the filter beds during the month considerably impeded the process of filtration, and with the Southwark and Vauxhall Company (which has at present no provision for the storage of filtered water) was the cause of a temporarily short supply to Bermondsey and Rotherhithe within its district.

Indian Cities.

In Bombay the deaths registered during the week ending June 25th were 330, and the annual death-rate was equal to 27 per 1000 of the recently enumerated population. In Calcutta 166 deaths were returned in the week ending 8th June.

Foreign Cities.

In Paris 788 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 81 deaths occurred in the week ending the 20th instant, and the annual death-rate was 23 per 1000. In Berlin during the week ending last Thursday, 605 deaths were recorded, showing an annual rate of 38 per 1000; 202 deaths were referred to infantile diarrhœa, and 17 to enteric fever. In Vienna the 383 deaths in the week ending the 20th gave an annual rate of 32 per 1000. In Rome 161 deaths were registered in the week ending the 14th, and the annual death-rate was 34 per 1000.

In the City of New York 1569 deaths were registered in the week ending 6th instant, and the equivalent annual rate of mortality was no less than 87 per 1000; 639 were referred to diarrhœal diseases, and 196 were returned under a special heading, "direct effect of solar heat."

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·74 in.; the highest reading was 29·92 in. at the beginning of the week, and the lowest 29·63 in. on Tuesday afternoon. The mean temperature of the *air* was 71°·1, or 9°·3 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a considerable excess on each day of the week; the hottest day was Thursday, when the mean was 75°·4, and 13°·6 above the average, while Tuesday was the coolest day with a mean of 68°·0, and an excess of 6°·4. The highest day temperature in the shade was 90°·9 on Thursday, and the lowest night temperature 57°·3 on Sunday; the entire range in the week was, therefore, 33°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 154°·4 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 6°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 67°·6. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 6 miles per hour. *Rain* fell during the week to the amount of one inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 60°·8 in Newcastle, to 70°·3 in Norwich; the lowest recorded night temperature was 48°·0 in both Hull and Newcastle, and the highest day temperature in the shade 89°·0 in Manchester. Rain was measured in each of these towns; the amounts varied from 0·22 of an inch in Norwich, to 2·80 inches in Liverpool.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 305,612 cubic metres, and at Barking 327,781 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of June 1872: according to their returns, 114,860,743 gallons or 521,865 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 231·3 gallons (105·1 decalitres), rather more than a *ton* by weight, to each house, and 32·6 gallons (14·8 decalitres) to each person, against 32·2 in the corresponding month of last year.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of June 1872, it may be estimated that about 94,185,809 gallons were probably used for domestic purposes, or about 26·7 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	June 1871.	June 1872.	June 1871.	June 1872.
Total Supply	487,692	496,495	111,292,104	114,860,743
From Thames	226,902	231,740	57,916,320	59,942,767
From Lea and from other Sources	260,790	264,755	53,375,784	54,917,976
Thames.				
Chelsea	27,838	28,154	8,982,800	9,443,000
West Middlesex	42,209	43,580	9,783,547	10,296,650
Southwark and Vauxhall	78,448	78,876	16,434,254	16,449,134
Grand Junction	31,820	33,013	11,825,019	12,212,783
Lambeth	46,587	48,117	10,890,700	11,541,200
Lea and other Sources.				
New River	118,803	120,133	25,313,000	26,789,000
East London	101,852	103,513	20,455,000	21,012,700
Kent	40,135	41,109	7,607,784	7,116,276

Note.—The Return for June 1872, as compared with that for the corresponding month of 1871, shows an increase of 8,803 houses, and an increase of 3,568,639 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for July.

Sir,

Royal College of Chemistry, 24th July 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of July. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The river waters drawn for metropolitan supply from the Thames and Lea were all delivered to consumers in a clear and transparent condition. The activity of aquatic vegetation, at this season, effaces from these waters much of the evidence of their previous pollution by sewage. The deep well water of the Kent Company is subjected to no such influence, but the evidence of previous contamination which this water exhibits, though much stronger than that now shown by the river waters, may be safely disregarded, on account of the great depth from which this water is drawn, and also by reason of the very small proportion of organic matter which it contains.

Taking the amount of organic impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the remaining Metropolitan Companies was :—New River 1·6, East London 3·0, Grand Junction 3·5, Southwark 3·6, West Middlesex 3·7, and Chelsea and Lambeth 3·8.

The temperature of the river waters as they were delivered to consumers varied from 20°·6 C. (69°·1 Fahr.) to 18°·3 C. (64°·9 Fahr.). At these temperatures the water tastes vapid and unpleasant. The Kent Company's deep well water, as delivered from the mains, had a temperature of only 14°·4 C. (57°·9 Fahr.)

Dr. Hill reports that the water supplied to Birmingham was very turbid, owing to the presence of large floating particles. The total solid impurity and hardness were, however, lower than they have ever been. The previous sewage contamination was also unusually low, but the proportion of organic nitrogen had much increased.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.											
Chelsea	1st July, Cab Rank, Horse Guards	18·3	27·20	·184	·042	·000	·123	·165	910	1·95	22·4
West Middlesex	1st July, Cab Rank, Portland-road	20·6	27·00	·191	·027	·001	·064	·092	330	1·90	21·8
Southwark and Vauxhall	1st July, Cab Rank, St. George's Church, Borough.	20·6	25·92	·183	·027	·000	·067	·094	350	1·85	20·9
Grand Junction	1st July, Cab Rank, Woodstock-street.	18·9	27·48	·179	·026	·001	·155	·182	1240	1·75	22·1
Lambeth	1st July, Cab Rank, Westminster Bridge-road.	19·4	27·70	·177	·047	·001	·150	·198	1190	1·70	23·0
Other Sources.											
New River	1st July, Cab Rank, Tottenham-court-road.	18·9	25·30	·077	·015	·000	·160	·175	1280	1·85	21·5
East London	2d July, Royal Hotel, Mile-end-road.	18·9	23·60	·143	·032	·000	·062	·094	300	2·35	19·4
Kent	2d July, Deptfd. Bdge. Police Stat.	14·4	38·90	·046	·013	·000	·340	·353	3080	2·70	29·7
Birmingham*	6th July, Birmingham Waterworks	—	17·98	·240	·054	·005	·105	·163	774	1·72	12·6
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water collected on the 1st July at the Horse Guards' cab-rank had a temperature of 18°·3 C. ; 100,000 lbs. of it contained 27·20 lbs. of solid impurity ; the organic matter, constituting a portion of this impurity, contained ·184 lb. of carbon and ·042 lb. of nitrogen. The above quantity of water contained no ammonia and ·123 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·165 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 910 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·95 lb. of chlorine. Finally, 100,000 lbs. of the water contained 22·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTIETH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1758	1892	1951	1947	1989	2163	2003	2142	2078	2137	2006·0	2158
Males . .	887	994	1011	1005	1016	1107	980	1066	1076	1058	1020·0	1087
Females .	871	898	940	942	973	1056	1023	1076	1002	1079	986·0	1071
TOTAL **Deaths**	1137	1452	1607	1414	2600	1347	1885	1646	1700	1420	1620·8	1643
Males . .	618	733	848	753	1312	687	945	863	874	734	836·7	833
Females .	519	719	759	661	1288	660	940	783	826	686	784·1	810

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	May 4.	May 11.	May 18.	May 25	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.
TOTAL **Deaths** - - -	1387	1250	1268	1205	1336	1289	1207	1230	1070	1193	1285	1467	1643
Deaths under 5 years of age -	565	499	523	495	527	536	449	470	416	518	628	765	950
Deaths 5—20 - - -	108	103	91	91	83	90	97	85	88	89	76	91	82
Deaths 20—40 - - -	215	186	200	188	198	200	211	198	163	197	172	188	176
Deaths 40—60 - - -	260	201	215	204	241	220	217	217	206	178	204	200	201
Deaths 60—80 - - -	199	206	199	190	234	201	189	215	167	173	163	187	192
Deaths at 80 years & upwards	40	55	40	37	53	42	44	45	30	38	42	36	43
Deaths from Small-pox - -	62	39	54	54	37	27	37	26	43	35	26	29	33
" " Measles - -	64	35	47	41	59	39	33	41	33	42	28	12	25
" " Scarlet fever -	11	10	16	20	18	18	12	9	11	17	12	3	7
" " Diphtheria -	6	9	5	5	10	4	3	6	—	3	3	5	5
" " Whooping-cough	81	83	73	74	72	63	41	53	44	46	58	60	50
" " Typhus fever -	5	4	2	1	3	8	1	2	2	3	4	4	3
" " Enteric (or Typhoid) fever -	10	15	11	8	13	18	12	11	14	10	11	9	14
" " SimpleContdfever	5	8	12	7	12	7	9	10	4	6	5	10	4
" " Diarrhœa - -	9	10	14	9	15	24	16	25	37	61	148	258	394
" " Simple Cholera -	1	—	—	—	—	2	—	1	2	4	12	17	19
" " Phthisis - -	193	165	174	150	186	172	181	160	159	166	166	148	159
" " Bronchitis - -	146	121	114	114	130	116	100	108	60	72	67	66	65
" " Pneumonia -	62	58	63	59	72	76	53	52	41	36	50	53	40
" " Heart Disease -	64	58	54	78	61	68	64	70	62	68	57	66	64
Mean Temperature of the Air	52°·6	47°·2	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1
Mean Temperature of the Water of the Thames -	54·1	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6
Humidity of the Air - -	72	80	86	72	74	83	80	69	72	66	78	83	81
Rain-fall in inches - -	0·14	0·85	1·95	0·05	0·15	0·77	0 33	0·19	0·45	0·31	0·71	0·16	1·00

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 27th day of July 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 27th July 1872.	DEATHS registered during the Week ending 27th July 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4755	3652	90·9	48·0	67·3	19·61	1·20	3·05
LONDON	78,080	3,311,298	42·4	2158	1643	90·9	57·3	71·1	21·72	1·00	2·54
PORTSMOUTH	9,513	115,455	12·1	71	54	81·6	53·2	65·7	18·72	1·77	4·50
NORWICH	7,472	81,105	10·9	39	39	86·5	56·0	70·3	21·28	0·22	0·56
BRISTOL	4,688	186,428	39·8	122	87	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	50	24	85·3	52·4	68·3	20·17	2·14	5·44
BIRMINGHAM	7,831	350,164	44·7	226	149	85·3	53·0	67·6	19·78	1·25	3·17
LEICESTER	3,200	99,143	31·0	75	56	—	—	—	—	—	—
NOTTINGHAM	1,996	88,225	44·2	54	47	88·7	53·9	70·1	21·17	1·29	3·28
LIVERPOOL	5,108	499,897	97·9	292	255	82·5	52·2	65·6	18·67	2·80	7·11
MANCHESTER	4,486	352,759	78·6	205	175	89·0	52·2	69·7	20·94	0·48	1·22
SALFORD	5,172	127,923	24·7	89	57	85·7	50·9	68·3	20·17	0·55	1·40
OLDHAM	4,167	84,004	20·2	53	52	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	88	72	86·4	55·0	69·0	20·56	0·69	1·75
LEEDS	21,572	266,564	12·4	180	161	88·0	55·0	68·4	20·22	0·80	2·03
SHEFFIELD	22,880	247,847	10·9	171	136	85·5	53·0	68·9	20·50	1·45	3·68
HULL	3,562	124,976	35·1	90	83	86·0	48·0	66·0	18·89	1·06	2·69
SUNDERLAND	3,306	100,665	30·4	81	36	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	121	60	81·0	48·0	60·8	16·00	1·30	3·30
EDINBURGH	4,427	205,146	46·3	118	80	75·0	52·7	62·3	16·83	2·05	5·21
GLASGOW	5,063	489,136	94·8	344	250	—	—	—	—	—	—
DUBLIN	9,745	310,565	31·9	128	136	78·1	50·0	63·9	17·72	0·42	1·07

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 187 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevaile between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at th Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Week ending Saturday the 27th day of July 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
Total of 18 TOWNS	26	3186	1269	461	76	55	43	7	92	55	604	128	174	40
LONDON	26	1643	718	235	33	25	7	5	50	21	394	53	82	237
PORTSMOUTH	24	54	11	12	9	–	1	1	–	–	1	–	–	5
NORWICH	25	39	15	5	–	–	–	–	1	1	2	2	2	5
BRISTOL	24	87	25	16	5	–	–	–	–	–	5	9	11	18
WOLVERHAMPTON	18	24	5	6	1	–	–	–	2	1	1	–	–	4
BIRMINGHAM	22	149	45	17	8	2	7	–	5	5	22	10	14	17
LEICESTER	29	56	28	9	10	1	–	–	1	–	15	–	1	4
NOTTINGHAM	28	47	21	6	–	–	–	–	1	1	8	2	2	2
LIVERPOOL	27	255	91	50	3	13	3	–	11	11	29	19	20	42
MANCHESTER	26	175	50	23	1	3	12	1	4	3	21	11	13	26
SALFORD	23	57	18	7	–	–	1	–	3	–	10	5	6	5
OLDHAM	32	52	11	9	–	1	9	–	–	2	4	–	1	2
BRADFORD	25	72	23	15	–	8	–	–	2	1	9	4	5	3
LEEDS	32	161	69	20	–	1	–	–	1	4	37	4	7	12
SHEFFIELD	29	136	59	7	4	1	2	–	2	3	19	2	2	9
HULL	35	83	43	9	1	–	1	–	6	1	15	2	4	4
SUNDERLAND	19	36	13	6	–	–	–	–	2	1	4	3	2	2
NEWCASTLE-ON-TYNE	24	60	24	9	1	–	–	–	1	–	8	2	2	8
DUBLIN	23	136	15	33	7	12	1	1	–	3	2	2	2	47

Table 5.—Deaths Registered in London in the Thirtieth Week of the Year 1872.

Causes of Death.	Average in the Thirtieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 27, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	62°4	71°1						
All Causes – –	1620·8	1643	950	82	175	201	192	43
Specified Causes	1603·7	1638	947	82	174	200	192	43
Zymotic Diseases.								
Order 1.								
Small-pox – – –	25·0	33	12	6	10	4	1	–
Measles – – –	35·7	25	24	1	–	–	–	–
Scarlet Fever (Scarlatina)	57·3	7	4	2	1	–	–	–
Diphtheria – – –	8·1	5	2	3	–	–	–	–
Quinsy – – –	1·1	–	–	–	–	–	–	–
Croup – – –	11·3	10	6	4	–	–	–	–
Whooping-cough – –	36·9	50	49	1	–	–	–	–
Typhus – – –	47·2	3	–	1	2	–	–	–
Enteric or Typhoid Fever		14	5	4	1	3	1	–
Simple continued Fever		4	2	1	–	1	–	–
Erysipelas – – –	5·5	7	4	–	1	–	2	–
Puerperal Fever (Metria)	2·5	2	–	–	2	–	–	–
Carbuncle – – –	·7	1	–	–	–	1	–	–
Influenza – – –	·2	1	–	–	–	–	1	–
Dysentery – – –	3·5	3	1	–	–	1	1	–
Diarrhœa – – –	277·9	394	378	1	–	6	8	1
Simple Cholera – –	113·6	19	16	–	2	–	1	–
Ague – – –	·4	1	–	1	–	–	–	–
Remittent Fever – –	·5	1	–	–	1	–	–	–
Rheumatism – –	5·6	5	–	–	2	2	1	–
Other *Zymotic* Diseases –	·3	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	1·8	3	3	–	–	–	–	–
Stricture of Urethra –	·7	2	–	–	–	2	–	–
Hydrophobia – – –	·1	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – –	·4	–	–	–	–	–	–	–
Want of Breast-milk –	16·8	23	23	–	–	–	–	–
Purpura and Scurvy –	1·8	3	3	–	–	–	–	–
Alcoholism { *a* Del. Tremens	3·4	2	–	–	1	1	–	–
Alcoholism { *b* Intemperance	1·3	–	–	–	–	–	–	–
Order 4.								
Thrush – – – –	7·3	5	5	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
Constitutional Dis.								
Order 1.								
Gout – – – –	2·3	2	–	–	–	1	1	–
Dropsy – – – –	10·8	5	–	1	1	3	–	–
Cancer – – – –	33·4	42	1	–	6	16	17	2
Cancrum Oris (Noma) –	·3	–	–	–	–	–	–	–
Mortification – – –	3·6	4	–	–	–	1	2	1
Order 2.								
Scrofula – – – –	9·1	8	5	1	2	–	–	–
Tabes Mesenterica – –	34·6	37	35	2	–	–	–	–
Phthisis – – –	156·0	159	13	17	72	47	10	–
Hydrocephalus – –	29·2	36	34	2	–	–	–	–
II. Local Diseases.								
Order 1.								
Cephalitis – – –	16·7	21	12	4	3	1	1	–
Apoplexy – – –	28·5	30	9	2	1	6	11	1
Paralysis – – –	22·3	32	–	1	3	8	20	–
Insanity – – –	1·7	3	–	–	2	–	–	1
Chorea – – – –	·1	–	–	–	–	–	–	–
Epilepsy – – –	5·9	7	1	–	1	2	3	–
Convulsions – –	53·0	56	56	–	–	–	–	–
Brain Disease, &c. – –	16·6	13	–	3	2	2	4	2
Order 2.								
Pericarditis – – –	3·0	1	–	–	–	1	–	–
Aneurism – – –	1·5	3	–	–	1	2	–	–
Heart Disease, &c. – –	50·5	64	–	5	10	24	22	3
Order 3.								
Laryngitis – – –	4·9	6	6	–	–	–	–	–
Bronchitis – – –	54·2	65	34	1	2	7	15	6
Pleurisy – – –	2·5	3	–	–	3	–	–	–
Pneumonia – – –	44·3	40	25	2	4	7	2	–
Asthma – – – –	4·2	3	–	–	–	1	2	–
Lung Disease, &c. – –	8·7	16	8	1	1	5	–	1
Order 4.								
Gastritis – – – –	2·3	1	–	–	–	1	–	–
Enteritis – – –	9·0	9	6	–	1	–	2	–
Peritonitis – – –	4·3	3	1	1	–	–	1	–
Ascites – – – –	2·6	4	–	–	–	1	3	–
Ulceration of Intestines –	2·5	2	–	1	–	–	1	–
Hernia – – – –	2·8	3	1	–	–	1	1	–
Ileus – – – –	3·1	6	3	–	–	1	2	–
Intussusception – –	1·2	1	1	–	–	–	–	–

Causes of Death.	Average in the Thirtieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, July 27, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	62°4	71°1						
9. Stricture of Intestines –	·6	1	–	–	1	–	–	–
10. Fistula – – – –	·4	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	7·6	11	1	–	–	4	4	2
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – – –	3·7	3	1	–	–	2	–	–
14. Jaundice – – – –	6·6	5	2	–	1	–	2	–
15. *Liver Disease, &c.* – –	18·2	21	–	–	3	7	11	–
16. *Spleen Disease, &c.* – –	—	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·1	–	–	–	–	–	–	–
2. Ischuria – – –	·2	2	1	–	1	–	–	–
3. Bright's Disease (Nephria)	7·8	19	1	–	7	7	4	–
4. Diabetes – – – –	1·7	3	–	–	2	1	–	–
5. Calculus (Stone) – –	·6	–	–	–	–	2	–	–
6. Cystitis – – – –	·4	2	–	–	–	–	2	–
7. *Kidney Disease, &c.* – –	6·9	6	–	–	2	4	–	–
Order 6.								
1. Ovarian Dropsy – –	·8	2	–	–	1	1	–	–
2. *Uterus Disease, &c.* – –	4·2	6	–	–	1	5	–	–
Order 7.								
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	4·7	5	–	1	2	2	–	–
Order 8.								
1. Phlegmon – – –	1·6	1	1	–	–	–	–	–
2. Ulcer – – – –	·9	1	–	–	–	1	–	–
3. *Skin Disease, &c.* – –	·4	4	3	–	–	–	1	–
IV. Developmental Diseases.								
Order 1.								
1. Premature Birth – –	21·5	19	19	–	–	–	–	–
2. Cyanosis – – – –	2·0	5	4	1	–	–	–	–
3. Spina Bifida – – –	1·7	2	2	–	–	–	–	–
4. Other Malformations –	1·3	1	1	–	–	–	–	–
5. Teething – – – –	19·4	17	17	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·4	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	5·5	4	–	–	3	1	–	–
Order 3.								
1. Old Age – – – –	42·6	43	–	–	–	–	24	19
Order 4.								
1. Atrophy and Debility –	90·1	94	88	–	–	2	4	–
V. Violent Deaths, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	16·0	20	3	4	6	–	4	3
2. Wounds { Gunshot	·4	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		2	1	1	–	–	–	–
3. Burns and Scalds – –	4·5	4	2	1	1	–	–	–
4. Poison – – – –	1·4	–	–	–	–	–	–	–
5. Drowning – – –	11·2	7	1	5	1	–	–	–
6. Suffocation – – –	6·0	6	6	–	–	–	–	–
7. Otherwise – – –	4·1	3	2	–	–	1	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	1·8	4	3	–	1	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot	·1	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·4	1	–	–	1	–	–	–
2. Poison – – – –	·6	1	–	–	–	1	–	–
3. Drowning – – –	·9	2	–	–	1	–	1	–
4. Hanging – – – –	1·4	1	–	–	1	–	–	–
5. Otherwise – – –	·8	1	–	–	–	–	1	–
Order 5. (Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	1	–	–	–	–	–	1
Sudden Deaths (Cause unascertained) – –	2·6	–	–	–	–	–	–	–
Causes not specified or ill-defined – – –	14·5	5	3	–	1	1	–	–

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endin

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti-
LONDON	3,251,804	2158	1643	718	235	33	25	7	5	50	3	14	4	394	53	82	23
WEST DISTRICTS	561,189	335	280	126	42	4	6	1	–	7	1	2	–	68	12	14	43
NORTH DISTRICTS	751,663	477	349	159	50	11	4	2	4	13	–	2	–	86	9	16	41
CENTRAL DISTRICTS	333,887	188	202	90	28	–	5	–	–	5	–	2	–	55	9	22	37
EAST DISTRICTS	638,928	476	364	175	52	6	2	3	–	7	2	4	–	94	7	12	58
SOUTH DISTRICTS	966,132	682	448	168	63	12	8	1	1	18	–	4	4	91	16	18	58
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	43	29	15	7	–	–	1	–	1	–	–	–	10	1	1	4
St. John Paddington H	38082	12	7	4	–	–	–	–	–	–	–	–	–	1	–	–	
Kensington Town *WL*	91583	73	47	22	8	3	3	–	–	–	–	–	–	9	2	4	1
Brompton H	28851	11	12	6	1	1	1	–	–	–	1	–	–	3	–	–	3
St. Peter Hammersmith	6662	2	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	25	17	10	–	–	–	–	–	–	–	–	–	3	–	–	
Fulham *WLLLL*	23378	24	17	8	1	–	–	–	–	–	–	–	–	3	1	3	3
Chelsea South HH	26419	14	16	7	4	–	–	–	–	1	–	–	–	2	1	1	5
Chelsea North-west *HWw*	23278	18	19	11	2	–	–	–	–	–	–	–	–	4	–	–	2
Chelsea North-east L	21389	13	9	4	2	–	1	–	–	–	–	1	–	2	1	–	
Hanover Square	18700	4	7	1	1	–	1	–	–	–	–	–	–	1	–	–	
May Fair *W*	13020	3	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	28	33	10	4	–	–	–	–	2	–	–	–	8	3	3	2
St. John Westminster HHH	38470	20	22	10	2	–	–	–	–	–	–	–	–	8	1	1	2
St. Margaret Westminster *WWHH*	27640	14	13	5	3	–	–	–	–	–	–	–	–	4	2	1	3
St. James's Square	10453	4	2	1	–	–	–	–	–	–	–	1	–	1	–	–	
Golden Square *W*	12855	8	12	4	5	–	–	–	–	1	–	–	–	2	–	–	4
Berwick-street	10279	5	4	3	–	–	–	–	–	1	–	–	–	–	–	–	
St. Anne Soho HH	17555	14	10	5	–	–	–	–	–	1	–	–	–	2	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	12	14	7	–	–	–	–	–	–	–	–	–	6	1	2	3
Cavendish Square	15419	6	7	2	1	–	–	–	–	–	–	–	–	1	–	–	
Rectory Marylebone *WH*	26387	18	19	6	7	1	1	–	–	–	–	–	–	–	2	5	12
St. Mary Marylebone H	21795	19	10	4	–	–	–	1	1	–	–	–	–	3	–	1	
Christchurch Marylebone	33892	25	22	12	3	–	–	–	–	–	–	–	–	9	1	1	
St. John Marylebone	33110	14	11	4	2	–	–	–	–	–	–	–	–	2	1	1	
Hampstead *WHH*	32271	16	20	8	1	4	–	–	1	2	–	–	–	3	1	2	5
Regent's Park Pancras	38192	24	11	5	3	–	–	–	–	2	–	–	–	1	–	–	
Tottenham-court *wH*	29360	12	16	4	2	–	1	1	–	–	–	–	–	4	–	–	6
Gray's Inn Lane H	29216	14	15	8	1	–	–	–	–	2	–	–	–	4	–	–	1
Somers Town	38562	15	8	2	1	–	–	–	–	–	–	1	–	1	–	–	
Camden Town *W*	18066	15	8	5	–	–	–	–	–	–	–	–	–	2	–	–	
Kentish Town *W*	68198	56	41	23	5	–	–	–	–	1	–	–	–	15	–	2	5
Islington West HHH	97801	83	31	18	2	–	–	–	1	–	–	1	–	11	–	–	
Islington East *WwH*	115948	78	53	24	9	–	1	–	1	2	–	–	–	14	1	–	4
Stoke Newington L	9810	7	8	2	2	–	–	–	–	–	–	–	–	1	1	1	
Stamford Hill	6599	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	15	10	4	3	–	–	–	–	1	–	–	–	3	–	–	
Hackney *Ww*HHL	50087	29	30	13	5	6	1	–	–	1	–	–	–	3	1	2	5
South Hackney L	30305	14	13	7	3	–	–	–	–	2	–	–	–	3	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	8	10	1	4	–	2	–	–	–	–	–	–	1	–	1	
St. Giles South *WH*	19089	9	15	8	3	–	–	–	–	–	–	–	–	5	1	2	7
St. Giles North	16497	9	5	5	–	–	–	–	–	–	–	–	–	3	–	–	
Long Acre	11326	5	8	4	1	–	–	–	–	–	–	–	–	4	–	1	
Charing Cross H	9831	–	8	–	2	–	–	–	–	–	–	–	–	–	2	2	4
St. Mary-le-Strand	9376	5	2	2	–	–	–	–	–	–	–	–	–	1	–	–	
St. Clement Danes H	10711	4	10	2	–	–	–	–	–	–	–	–	–	2	2	1	5
St. George-the-Martyr HHH	20521	11	7	4	1	–	–	–	–	–	–	–	–	3	–	2	
St. Andrew Eastern *W*	13528	5	14	5	1	–	–	–	–	–	–	–	–	6	–	–	3
Saffron Hill	9051	5	4	2	–	–	–	–	–	1	–	–	–	2	–	–	
St. James Clerkenwell *W*	18912	15	11	7	1	–	–	–	–	–	–	–	–	6	–	2	
Amwell Clerkenwell	16878	17	7	4	–	–	–	–	–	–	–	1	–	3	–	1	
Pentonville	13293	4	11	5	3	–	–	–	–	–	–	1	–	2	–	–	
Goswell-street	16220	6	6	3	–	–	–	–	–	–	–	–	–	1	–	–	
Old-street H	12156	6	5	3	2	–	–	–	–	–	–	–	–	2	–	–	
City-road *WHHL*	18291	19	17	12	1	–	–	–	–	2	–	–	–	7	–	1	1
Whitecross-street	13790	27	11	5	–	–	2	–	–	1	–	–	–	1	–	–	
Finsbury	10732	4	4	3	–	–	–	–	–	–	–	–	–	2	–	–	
St. Botolph East London HH	14484	12	8	2	3	–	–	–	–	–	–	–	–	1	–	–	1
Cripplegate	13639	4	10	3	3	–	1	–	–	1	–	–	–	1	–	4	
St. Sepulchre H	7562	–	20	4	2	–	–	–	–	–	–	–	–	1	3	4	16
St. Bride *W*	11184	3	5	4	–	–	–	–	–	–	–	–	–	1	–	–	
Castle Baynard	4389	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	1	1	1	–	–	–	–	–	–	–	–	–	–	1	1	
Broad Street	7838	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 27th July 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	3	5	3	2	–	–	–	–	–	–	–	–	2	–	–	–
Leonard Shoreditch HL†	16545	10	8	4	–	–	–	2	–	–	–	–	–	–	–	–	–
xton New Town *w*	27832	18	22	11	4	1	–	–	–	1	–	–	–	7	–	–	6
xton Old Town	26944	13	16	12	–	–	–	1	–	–	–	–	–	9	–	–	–
ggerstone West *W*	24153	25	24	14	4	–	–	–	–	–	–	–	–	3	–	–	10
ggerstone East	19257	16	16	10	2	–	–	–	–	–	–	–	–	6	–	–	–
ckney-road	29808	26	13	9	–	–	–	–	–	–	–	–	–	6	–	–	–
een, Bethnal Green *WHL*†	42443	32	22	11	5	–	–	–	–	1	–	–	–	4	–	–	6
urch, Bethnal Green	26574	19	12	7	2	–	–	–	–	–	–	–	–	6	–	–	–
wn, Bethnal Green	21875	11	15	6	1	–	1	–	–	2	–	1	–	2	–	3	–
tillery Whitechapel	6651	2	4	2	–	–	–	–	–	–	–	–	–	2	–	–	–
talfields	15844	5	6	3	–	–	–	–	–	–	–	–	–	1	–	–	–
le End New Town *W*	15550	11	13	5	4	–	–	–	–	–	–	–	–	1	–	–	6
itechapel North	11434	7	6	3	–	–	–	–	–	–	–	–	–	3	–	–	–
itechapel Church H	7323	3	11	2	3	–	–	–	–	–	–	–	–	–	3	3	7
odman's Fields	10881	11	9	7	–	–	–	–	–	1	–	–	–	4	–	–	–
dgate	9149	2	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Mary St. George East	17906	17	7	5	–	–	–	–	–	–	–	–	–	3	–	–	–
Paul St. George East	21356	15	4	2	–	–	–	–	–	–	–	1	–	1	–	1	–
John St. George East *W*	8973	5	6	2	2	–	–	–	–	–	–	–	–	1	–	–	3
dwell	11623	4	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
tcliff H	15930	14	6	3	–	–	–	–	–	–	–	–	–	3	–	–	1
nehouse *W*	30025	23	17	4	2	1	1	–	–	1	–	–	–	2	2	2	–
le End Old Town West	38126	35	20	12	1	1	–	–	–	–	–	–	–	5	–	–	–
le End Old Town East *WwH*	55020	57	29	13	3	–	–	–	–	1	2	1	–	6	–	1	3
w *WwwHL*†	67777	57	47	15	14	2	–	–	–	–	–	1	–	12	2	2	16
plar *WW*	48500	35	21	8	3	1	–	–	–	–	–	–	–	5	–	–	–
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	10	7	4	2	–	–	–	–	–	–	–	–	1	–	–	–
Saviour Southwark H	15667	12	8	5	–	–	–	–	–	–	–	–	–	3	–	–	1
nt-road	20450	11	6	4	–	–	–	–	–	–	–	–	–	2	–	–	–
rough-road *WH*	16694	10	3	2	–	–	–	–	–	–	–	–	–	2	–	–	–
ndon road L	18959	12	15	6	1	–	–	–	–	–	–	–	–	3	1	2	1
nity Newington	23673	18	16	10	2	–	–	–	–	2	–	–	–	5	–	–	–
Peter Walworth *W*	48232	34	34	12	4	1	–	–	–	–	–	–	–	11	–	–	4
Mary Newington	16786	12	9	6	1	–	–	–	–	1	–	–	–	5	–	–	–
Olave Southwark H	4157	–	10	–	3	–	–	–	1	–	–	–	–	1	–	–	9
John Horsleydown *W*	10595	10	6	2	–	–	–	–	–	–	–	–	–	2	–	–	1
ather Market	16785	14	11	8	–	–	–	–	2	–	–	–	–	3	–	–	–
Mary Magdalen *W*	15707	15	19	6	4	1	–	–	–	–	–	–	–	5	1	1	4
James Bermondsey	47921	42	20	10	4	1	–	–	4	–	–	–	–	5	1	2	–
herhithe *W*	25873	25	14	8	2	–	–	–	–	–	–	–	–	7	–	–	–
terloo-road 1st H	14086	11	3	–	–	–	–	–	–	–	–	1	–	1	–	–	1
terloo-road 2nd H	18453	17	10	–	1	2	–	–	–	–	–	–	1	–	–	–	–
nbeth Church 1st H	19470	13	18	4	1	–	–	–	–	1	–	–	–	1	5	6	10
nbeth Church 2nd *W*	35831	27	12	3	1	–	–	–	–	–	–	1	–	3	–	–	6
nnington 1st *W*	41284	23	21	7	7	1	–	–	–	1	–	–	–	2	–	–	–
nnington 2nd	31218	21	9	4	1	1	–	–	–	–	–	–	–	4	–	–	–
xton HL	33431	17	15	3	1	2	1	–	–	–	–	–	1	1	–	–	3
rwood *W*	12534	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
pham HL	27348	13	9	3	2	–	–	–	–	–	–	–	–	3	–	–	–
tersea *W*	53988	52	30	8	3	1	2	–	–	1	–	1	–	3	3	1	5
ndsworth HL	10797	13	8	4	–	–	1	–	–	1	–	–	–	–	2	2	1
tney	8438	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
eatham	14479	7	4	–	1	–	–	–	–	–	–	–	–	–	1	1	–
lwich	4041	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nberwell *WL*†	31251	24	11	4	4	–	–	–	–	–	–	–	–	2	–	–	3
sham *W*	42159	23	21	10	5	–	–	–	–	1	–	–	–	3	2	2	–
George Camberwell	33851	36	14	9	–	–	–	–	–	–	–	–	2	3	–	–	–
Paul Deptford	53696	45	18	8	1	1	–	1	–	–	–	–	–	3	–	–	–
Nicholas Deptford	6487	3	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
enwich West	21098	12	11	3	–	–	–	–	–	1	–	–	–	3	–	–	–
enwich East *WH*	19320	13	11	3	3	–	1	–	–	1	–	1	–	1	–	–	3
ham	4528	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	16430	9	3	1	1	–	–	–	–	1	–	–	–	1	–	–	–
wisham Village *W*	11508	8	7	–	3	–	–	–	–	–	–	–	–	–	–	–	4
enham	19016	7	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–
rlton H	9503	4	5	1	1	–	1	–	–	–	–	–	–	–	–	1	1
olwich Dockyard	17229	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
olwich Arsenal H	18319	10	7	4	–	–	1	–	–	–	–	–	–	1	–	–	1
rnstead West	13028	10	9	1	3	–	–	–	–	–	–	–	–	1	–	–	–
rnstead East *W*	15290	12	5	2	–	1	1	–	–	1	–	–	–	–	–	–	–

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – „ „ Tottenham-court sub-district.
London City – – „ „ Islington East.
Do. do. – – „ „ Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City „ „ { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – „ „ Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th JULY, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	21	..	29·867	87·0	57·3	29·7	72·4	59·3	151·0	48·5	67·8	63·7	13·1	24·5	1·0	+10·9	63	S.ESE.& SSW.	S. & SE.	0·8	0·0	0·1	143	0·00	..
MONDAY	22	..	29·706	87·1	59·1	28·0	68·7	65·1	154·4	50·7	68·6	64·4	3·6	21·0	0·0	+ 7·2	88	SSE.	SSE. & SW.	11·0	0·0	0·1	181	0·17	..
TUESDAY	23	..	29·656	81·9	59·0	22·9	68·0	66·0	125·7	51·8	69·0	64·8	2·0	13·6	0·0	+ 6·4	93	WSW. NNE. & NW.	N. SE. & S.	0·2	0·0	0·0	113	0·29	..
WEDNESDAY	24	..	29·723	83·3	59·9	23·4	70·6	67·1	130·5	55·4	59·6	65·5	3·5	17·5	1·7	+ 8·9	89	Calm & SW.	SSE. SSW. & E.	0·5	0·0	0·0	118	0·00	..
THURSDAY	25	In Equator	29·657	90·9	64·4	26·5	75·4	68·9	150·3	60·1	70·6	66·2	6·5	22·6	0·0	+13·6	80	E. NW. & NE.	SE. & E.	8·6	0·0	0·2	224	0·30	..
FRIDAY	26	..	29·719	83·8	66·1	17·7	73·8	64·4	137·3	59·2	71·8	70·0	9·4	18·4	2·0	+11·9	73	ESE.& SW.	SW.	1·0	0·0	0·1	157	0·12	..
SATURDAY	27	Last Qr.	29·835	81·2	58·7	22·5	68·5	61·3	140·1	52·2	73·6	70·7	7·2	18·5	0·6	+ 6·5	78	N. & WSW.	SW.	0·7	0·0	0·0	135	0·12	..
MEANS		..	29·738	85·0	60·6	24·4	71·1	64·6	141·3	54·0	68·7	66·5	6·5	19·4	0·8	+ 9·3	81	Variable.		..	..	..	Sum 1071	Sum 1·00	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JULY.			
SUNDAY	21	Positive, with moderate tension.	Very fine, and nearly cloudless throughout.
MONDAY	22	Moderate positive generally shown, with the exception of the times of thunder-storms, when the changes from positive to negative and vice versâ were frequent and rapid, with sparks and galvanic currents.	Cloudy generally till night, then very fine. A heavy thunder-storm at mid-day; frequent flashes of lightning and heavy rain.
TUESDAY	23		Cloudy. A severe thunder-storm about 9h. A.M., and again between 5h. and 7h. P.M. Very vivid lightning and heavy rain.
WEDNESDAY	24	Moderate positive generally shown.	The sky was generally covered throughout. Distant thunder at night.
THURSDAY	25	Weak positive till the evening at 7h. P.M. when strong positive and negative were shown, with sparks and galvanic currents.	A very fine, and at times cloudless day. About 6h. 30m. P.M. distant thunder was heard, and at 7h. P.M. a violent storm of wind and rain passed over, accompanied by thunder and lightning. Rain fell to the amount of 0·3 inch in five minutes. Frequent and vivid lightning till midnight in N.E. and N. At Portsmouth 1¼ inch of rain fell in 3 hours.
FRIDAY	26	No electricity shown.	A fine though cloudy day. Overcast after 9h. P.M., and rain began falling about that time, and continued to fall till midnight.
SATURDAY	27	No electricity shown.	Very fine throughout. Cloudy at times.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·92 in. at the beginning of the week to 29·66 in. by 3h. P.M. on the 22d; increased to 29·72 in. by 9h. P.M. on the same day; decreased to 29·63 in. by 3h. P.M. on the 23d; increased to 29·77 in. by 9h. P.M. on the 24th; decreased to 29·65 in. by 9h. P.M. on the 25th; increased to 29·86 in. by 3h. P.M. on the 27th; and was 29·82 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
5th August 1872.

United Kingdom.

During the week ending Saturday last, 5101 *births* and 3862 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 27 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 25 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 19.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 27 per 1000; Portsmouth 32, Norwich 28, Bristol 21, Wolverhampton 14, Birmingham 24, Leicester 29, Nottingham 24, Liverpool 30, Manchester 28, Salford 24, Oldham 30, Bradford 31, Leeds 31, Sheffield 34, Hull 41, Sunderland 32, and Newcastle-upon-Tyne 34. The fatal cases of small-pox in these eighteen towns, which had been 78 and 76 in the two previous weeks, were last week 83; of these, 28 occurred in London, and 22 in Portsmouth. The annual death-rate from this disease was equal to 10 per 1000 in Portsmouth, 2 in Leicester, and exceeded one per 1000 each in Bristol, Birmingham, Leeds, and Sheffield. The deaths referred to diarrhœa in the eighteen towns, which in the seven previous weeks had steadily increased from 34 to 604, further rose last week to 966, showing an average annual death-rate of 8 per 1000; this rate ranged from 3 per 1000 each in Bristol and Portsmouth, to 14 each in Sheffield and Leicester, and 19 in Hull. To simple cholera or choleraic diarrhœa 47 deaths were referred in these towns last week, of which 33 occurred in London, 5 in Sheffield, 3 in Liverpool, and 2 in Hull.

London.

In London 2252 births and 1695 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 39, and the deaths were 55 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had steadily increased from 17 to 26 per 1000 in the five preceding weeks, further rose last week to 27, and was higher than in any previous week this year. The rate, after distribution of the deaths in institutions in proportion to population, was 25 per 1000 in the West, 27 in the North, 25 in the Central, 29 in the East, and 27 in the South groups of Districts.

The 1695 deaths included 28 from small-pox, 20 from measles, 6 from scarlet fever, 5 from diphtheria, 49 from whooping-cough, 28 from different forms of fever (of which 4 were certified as typhus, 17 as enteric or typhoid, and 7 as simple continued fever), and 484 from diarrhœa; thus to the seven principal diseases of the zymotic class 620 deaths were referred, against numbers increasing steadily from 164 to 535 in the seven preceding weeks. This increase was entirely due to the fatality from infantile diarrhœa. The fatal cases of whooping-cough continue excessive, but the deaths referred to each of the other principal zymotic diseases were below the corrected average.

The deaths from small-pox, which had been 29 and 33 in the two preceding weeks, were 28 last week, including 12 which were recorded in the special small-pox hospitals. The registrar of Hampstead states with reference to the small-pox hospital situated in his sub-district, that this institution which contains about 40 patients is closed against the admission of fresh cases.

The mean temperature of the air at the Royal Observatory, Greenwich, which had averaged 69°·6, and a daily excess of 7°·9 during the eleven days ending Monday 29th ultimo, showed a remarkable fall during the last five days of the week, when the mean was but 59°·4 and 3°·0 below the average for the corresponding period in 50 years.

The fatality from diarrhœa, almost entirely infantile, showed a further increase last week; the deaths from this disease, which had been 61, 148, 258, and 394 in the four previous weeks, further rose to 484 last week, and exceeded by 184 the corrected average weekly number in the corresponding week of the last ten years; no less than 460 of these fatal diarrhœa cases were of infants under 2 years of age, including 398 under one year. The annual death-rate from this disease in the whole of London averaged 8 per 1000, was 7 per 1000 in the West, Central, and South, 8 in the North, and 9 in the East groups of Districts.

To cholera and choleraic diarrhœa 33 deaths were referred last week, against 17 and 19 in the two preceding weeks; 28 were infantile and five adult cases. The details of the adult cases were as follow:—A tailor, aged 80 years, at 5, Little Compton Street, St. Giles, "choleraic diarrhœa;" a tailor, aged 63 years, at 4, Windermere Road, Islington, "malignant cholera, 3 days;" a commercial traveller, aged 40 years, in St. Bartholomew's Hospital, from 10, Arlington Square, Islington, "cholera, *post mort.*;" the widow of a worsted spinner, aged 38 years, at 22, South Street, Greenwich, "choleraic diarrhœa, 30 hours;" and a gentleman, aged 56 years, at 46, St. Peter's Road, Mile-end Old Town, "cholera, 20 hours." All these five cases were certified by the medical attendants.

The death of a retired farmer was registered last week in North-street, Commercial-road, Camberwell, whose age was stated to be 105 years; the cause of death was certified as "natural decay, gradually for the last two years."

To different forms of violence 67 deaths were referred; 53 were the result of negligence or accident, including 22 from fractures and contusions, 4 from burns and scalds, 12 from drowning, 2 from poison, and 4 from suffocation. The deaths of 3 adults, and of 2 children were referred to sunstroke, and the death of a labourer, aged 32 years, was caused by lightning. Eight cases of suicide, 2 each of murder and infanticide, and one of manslaughter, were registered during the week.

No less than 8 of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 62 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 4th instant; of these, 58 occurred in the Metropolitan, and 4 in the City Police Districts.

Indian Cities.

In Bombay the deaths registered during the week ending July 2nd were 333, and the annual death-rate was equal to 27 per 1000. In Calcutta 138 deaths were returned in the week ending June 22nd. In Madras the 276 deaths in the week ending June 14th showed an annual death-rate equal to 36 per 1000.

Foreign Cities.

In Paris 850 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 106 deaths occurred in the week ending the 27th ultimo, and the annual death-rate was 30 per 1000. In Berlin during the week ending last Thursday, 738 deaths were recorded, showing an annual rate of 47 per 1000; 249 deaths were referred to infantile diarrhœa. In Vienna the 337 deaths in the week ending July 27th gave an annual rate of 28 per 1000. In Rome 162 deaths were registered in the week ending the 21st, and the annual death-rate was 35 per 1000.

The Director General of the statistical bureau in Madrid has favoured the Registrar General with returns of the births and deaths in that city during the first five months of this year, by which it appears 5749 births and 5958 deaths were recorded during that period; estimating the population of the city at 332,000 the annual birth-rate was equal to 42, and the death-rate to 43 per 1000. Monthly returns are promised for the rest of this year, and hope is expressed that a weekly return will be published in 1873.

It is reported from the Medical Department at St. Petersburgh, that during the week ending 25th July 239 deaths from cholera occurred in that city, the fatality was, however, confined to the poorest class of inhabitants. Dr. Zuelzer of Berlin states that no case of cholera has yet been reported in Prussia.

In the City of New York 1056 deaths were registered in the week ending 13th July, and the equivalent annual rate of mortality was 58 per 1000; 487 deaths were referred to diarrhœal diseases, a decline of 152 upon those in the previous week, and 32 are ascribed to the "direct effect of solar heat."

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·64 in.; the highest reading was 29·86 in. on Sunday morning the 28th ultimo, and the lowest 29·45 in. at noon on Friday. The mean temperature of the *air* was 61°·7, or 0°·6 below the average in the

corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on the first two days of the week, but was below the average on four of the succeeding days; on Saturday, the coldest day, the deficiency was 4°·8. The highest day temperature in the shade was 80°·3 on Sunday, and the lowest night temperature 47°·4 on Wednesday; the entire range in the week was, therefore, 32°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 152°·3 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 5°·7. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 70°·6. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The general direction of the *wind* was S.W. and N.N.E., and the horizontal movement of the air averaged 7 miles per hour. *Rain* fell during the week to the amount of one inch, of which ·79 in. fell on Friday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 53°·8 in Newcastle-on-Tyne, to 60°·9 in Nottingham; the lowest recorded night temperature was 41°·3 in Wolverhampton, and the highest day temperature in the shade 82°·8 in Manchester. Rain was measured in each of these towns; the amounts varied from ·14 of an inch in Bradford, to 1·54 inches in Norwich.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 267,365 cubic metres, and at Barking 262,755 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FIRST Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1794	1941	1906	1828	1983	2264	2106	2130	2082	2076	2011·5	2252
Males	928	1007	974	885	1049	1139	1078	1070	1016	1040	1018·6	1166
Females	866	934	932	943	939	1125	1028	1060	1066	1036	992·9	1086
TOTAL **Deaths**	1209	1514	1595	1311	2661	1291	1665	1630	1648	1382	1590·6	1695
Males	610	803	870	663	1321	653	859	824	863	723	818·9	895
Females	599	711	725	648	1340	638	806	806	785	659	771·7	800

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.
TOTAL **Deaths**	1250	1268	1205	1336	1289	1207	1230	1070	1193	1285	1467	1643	1695
Deaths under 5 years of age	499	523	495	527	536	449	470	416	518	628	715	950	997
Deaths 5—20	103	91	91	83	90	97	85	88	89	76	91	82	86
Deaths 20—40	186	200	188	198	200	211	198	163	197	172	188	175	185
Deaths 40—60	201	215	204	241	220	217	217	206	178	204	200	201	215
Deaths 60—80	206	199	190	234	201	189	215	167	173	163	187	192	172
Deaths at 80 years & upwards	55	40	37	53	42	44	45	30	38	42	36	43	40
Deaths from Smallpox	39	54	54	37	27	37	26	43	35	26	29	33	28
" " Measles	35	47	41	59	39	33	41	33	42	28	12	25	20
" " Scarlet Fever	10	16	20	18	18	12	9	11	17	12	3	7	6
" " Diphtheria	9	5	5	10	4	3	6	—	3	3	5	5	5
" " Whooping-cough	83	73	74	72	63	41	53	44	46	58	60	50	49
" " Typhus fever	4	2	1	3	8	1	2	2	3	4	4	3	4
" " Enteric (or Typhoid) fever	15	11	8	13	18	12	11	14	10	11	9	14	17
" " Simple Cont^d fever	8	12	7	12	7	9	10	4	6	5	10	4	7
" " Diarrhœa	10	14	9	15	24	16	25	37	61	148	258	394	484
" " Simple Cholera	—	—	—	—	2	—	1	2	4	12	17	19	33
" " Phthisis	165	174	150	186	172	181	160	159	166	166	148	159	150
" " Bronchitis	121	114	114	130	116	100	108	60	72	67	66	65	56
" " Pneumonia	58	63	59	72	76	53	52	41	36	50	53	40	37
" " Heart Disease	58	54	78	61	68	64	70	62	68	57	66	64	72
Mean Temperature of the Air	47°·2	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7
Mean Temperature of the Water of the Thames	55·3	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6
Humidity of the Air	80	86	72	74	83	80	69	72	66	78	83	81	82
Rain-fall in inches	0·85	1·95	0·05	0·15	0·77	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 3d day of August 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 3d August 1872.	DEATHS registered during the Week ending 3d August 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5101	3862	82·8	41·3	58·7	14·83	0·65	1
LONDON	78,080	3,311,298	42·4	2252	1695	80·3	47·4	61·7	16·50	1·01	2
PORTSMOUTH	9,513	115,455	12·1	67	71	76·4	45·4	60·0	15·56	1·08	2
NORWICH	7,472	81,105	10·9	45	43	81·5	48·0	59·7	15·39	1·54	3
BRISTOL	4,688	186,428	39·8	114	74	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,263	20·5	52	19	76·1	41·3	58·4	14·66	0·39	0
BIRMINGHAM	7,831	350,164	44·7	260	161	76·3	44·7	58·8	14·89	1·26	3
LEICESTER	3,200	99,143	31·0	79	55	—	—	—	—	—	
NOTTINGHAM	1,996	88,225	44·2	61	41	81·2	44·2	60·9	16·06	0·51	1
LIVERPOOL	5,108	499,897	97·9	390	292	76·1	50·8	58·7	14·83	0·72	1
MANCHESTER	4,486	352,759	78·6	253	191	82·8	43·0	59·4	15·22	0·94	2
SALFORD	5,172	127,923	24·7	93	60	78·8	42·2	58·4	14·66	0·51	1
OLDHAM	4,167	84,004	20·2	63	48	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	103	91	82·2	48·4	59·9	15·50	0·14	0
LEEDS	21,572	266,564	12·4	168	158	80·0	49·0	60·6	15·89	0·39	0
SHEFFIELD	22,830	247,847	10·9	189	161	78·4	46·0	58·7	14·83	0·90	2
HULL	3,562	124,976	35·1	101	99	80·0	46·0	57·1	13·94	0·25	0
SUNDERLAND	3,306	100,665	30·4	89	61	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	115	86	73·0	48·0	53·8	12·11	0·35	0
EDINBURGH	4,427	205,146	46·3	122	100	67·0	45·7	56·3	13·50	0·65	1
GLASGOW	5,063	489,136	94·8	362	244	77·8	44·0	58·0	14·44	0·13	0
DUBLIN	9,745	310,565	31·9	123	112	74·4	45·0	58·1	14·50	0·32	0

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 3d day of August 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	28	3406	1555	430	83	56	36	9	84	56	966	124	187
LONDON	27	1695	780	212	28	20	6	5	49	28	484	67	104
PORTSMOUTH	32	71	21	5	22	–	–	–	–	5	7	1	1
NORWICH	28	43	26	8	–	1	–	–	5	–	9	–	1
BRISTOL	21	74	31	13	5	–	–	–	–	1	9	5	4
WOLVERHAMPTON	14	19	2	5	–	–	1	–	–	–	–	2	3
BIRMINGHAM	24	161	57	22	8	2	4	1	6	2	36	8	13
LEICESTER	29	55	43	6	4	–	–	–	1	1	27	–	–
NOTTINGHAM	24	41	24	7	–	–	–	–	–	–	13	1	2
LIVERPOOL	30	292	135	57	–	20	3	1	12	4	71	12	16
MANCHESTER	28	191	82	20	1	–	8	–	2	2	58	5	12
SALFORD	24	60	22	10	–	–	–	–	2	–	19	1	2
OLDHAM	30	48	10	5	–	–	6	–	–	2	7	–	–
BRADFORD	31	91	45	7	–	6	3	1	1	–	25	4	4
LEEDS	31	158	75	16	7	2	1	–	1	5	49	4	7
SHEFFIELD	34	161	90	10	6	2	1	1	2	2	65	2	3
HULL	41	99	56	5	1	1	2	–	2	2	46	5	5
SUNDERLAND	32	61	20	10	–	–	–	–	–	1	17	4	6
NEWCASTLE-ON-TYNE	34	86	36	12	1	2	1	–	1	1	24	3	4
DUBLIN	19	112	19	11	9	7	1	–	1	2	4	5	9

TABLE 5. DEATHS in LONDON Registered in the THIRTY-FIRST Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 3, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	60°9	61°7						
ALL CAUSES – –	1590·6	1695	997	86	185	215	172	40
SPECIFIED CAUSES	1577·9	1687	989	86	185	215	172	40
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	22·2	28	8	6	12	2	–	–
Measles – – –	38·3	20	20	–	–	–	–	–
Scarlet Fever (Scarlatina)	60·3	6	4	1	1	–	–	–
Diphtheria – – –	7·6	5	4	1	–	–	–	–
Quinsy – – – –	·8	–	–	–	–	–	–	–
Croup – – – –	9·5	5	4	1	–	–	–	–
Whooping-cough – –	33·5	49	49	–	–	–	–	–
Typhus – – – }	46·9	4	–	–	1	2	1	–
Enteric or Typhoid Fever }		17	2	5	5	5	–	–
Simple continued Fever – }		7	3	1	–	–	3	–
Erysipelas – – –	6·6	3	1	–	–	–	2	–
Puerperal Fever (Metria)	2·3	3	–	–	2	1	–	–
Carbuncle – – –	·7	1	–	–	–	–	1	–
Influenza – – –	·1	–	–	–	–	–	–	–
Dysentery – – –	3·3	1	–	–	1	–	–	–
Diarrhœa – – –	273·0	484	460	1	1	4	12	6
Simple Cholera – –	125·9	33	28	–	1	2	1	1
Ague – – – –	·1	–	–	–	–	–	–	–
Remittent Fever – –	·9	–	–	–	–	–	–	–
Rheumatism – – –	5·0	7	–	1	3	1	2	–
Other *Zymotic* Diseases –	·1	2	2	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	8·8	11	11	–	–	–	–	–
Stricture of Urethra –	1·0	2	–	–	1	1	–	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	·1	–	–	–	–	–	–	–
ORDER 3.								
Privation – – – –	·5	–	–	–	–	–	–	–
Want of Breast-milk –	15·5	19	19	–	–	–	–	–
Purpura and Scurvy –	1·1	1	1	–	–	–	–	–
Alcoholism { *a* Del. Tremens	2·4	3	–	–	1	2	–	–
Alcoholism { *b* Intemperance –	1·7	1	–	–	–	1	–	–
ORDER 4.								
Thrush – – – –	6·7	2	2	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – – –	2·3	1	–	–	–	–	1	–
Dropsy – – – –	12·8	8	–	–	1	4	3	–
Cancer – – – –	30·7	31	–	–	6	16	9	–
Cancrum Oris (Noma) –	·5	–	–	–	–	–	–	–
Mortification – – –	4·6	5	–	–	–	1	4	–
ORDER 2.								
Scrofula – – – –	9·4	17	11	4	1	1	–	–
Tabes Mesenterica – –	32·9	36	34	2	–	–	–	–
Phthisis – – – –	152·8	150	11	16	68	50	4	1
Hydrocephalus – –	27·6	31	29	2	–	–	–	–
II. LOCAL DISEASES.								
ORDER 1.								
1. Cephalitis – – –	13·6	11	6	3	2	–	–	–
2. Apoplexy – – –	30·7	41	7	3	5	8	18	–
3. Paralysis – – –	23·3	24	–	1	–	4	15	4
4. Insanity – – –	1·3	2	–	–	–	2	–	–
5. Chorea – – – –	·1	–	–	–	–	–	–	–
6. Epilepsy – – –	5·4	6	1	2	2	1	–	–
7. Convulsions – –	43·7	55	55	–	–	–	–	–
8. *Brain Disease, &c.* –	16·8	19	2	4	2	7	3	1
ORDER 2.								
1. Pericarditis – –	1·6	–	–	–	–	–	–	–
2. Aneurism – – –	2·1	–	–	–	–	–	–	–
3. *Heart Disease, &c.* –	51·1	72	2	7	11	25	22	5
ORDER 3.								
1. Laryngitis – – –	3·4	4	3	–	–	1	–	–
2. Bronchitis – – –	55·4	56	25	–	4	10	15	2
3. Pleurisy – – –	2·9	3	–	–	1	2	–	–
4. Pneumonia – – –	39·4	37	23	3	3	4	4	–
5. Asthma – – –	2·6	4	–	–	1	2	–	1
6. *Lung Disease, &c.* –	8·5	6	3	1	1	1	–	–
ORDER 4.								
1. Gastritis – – –	1·9	2	1	1	–	–	–	–
2. Enteritis – – –	9·4	6	4	1	–	–	1	–
3. Peritonitis – – –	4·9	4	–	1	1	–	2	–
4. Ascites – – –	2·7	6	–	–	2	2	2	–
5. Ulceration of Intestines –	2·6	1	–	–	1	–	–	–
6. Hernia – – – –	2·7	2	–	–	1	1	–	–
7. Ileus – – – –	3·9	3	–	1	1	1	–	–
8. Intussusception – –	·6	1	–	–	–	1	–	–

CAUSES OF DEATH.	Average in the Thirty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 3, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	60°9	61°7						
9. Stricture of Intestines –	1·0	1	–	–	–	1	–	–
10. Fistula – – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	7·0	8	3	–	–	3	2	–
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	4·4	4	–	1	2	–	1	–
14. Jaundice – – –	4·5	6	2	–	2	–	2	–
15. *Liver Disease, &c.* –	15·8	21	–	–	5	8	8	–
16. *Spleen Disease, &c.* –	·3	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·6	–	–	–	–	–	–	–
2. Ischuria – – – –	·4	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·4	16	–	1	5	8	2	–
4. Diabetes – – –	1·2	5	–	–	1	2	1	1
5. Calculus (Stone) –	·7	2	–	–	–	1	1	–
6. Cystitis – – –	·8	1	–	–	–	–	1	–
7. *Kidney Disease, &c.* –	8·6	1	–	–	–	1	–	–
ORDER 6.								
1. Ovarian Dropsy –	·9	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·8	8	–	–	3	4	1	–
ORDER 7.								
1. Synovitis (Arthritis)	—	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	6·5	7	1	2	2	2	–	–
ORDER 8.								
1. Phlegmon – – –	2·0	2	–	–	2	–	–	–
2. Ulcer – – – –	1·2	1	–	–	–	–	1	–
3. *Skin Disease, &c.* –	·5	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	21·0	26	26	–	–	–	–	–
2. Cyanosis – – –	2·2	–	–	–	–	–	–	–
3. Spina Bifida – –	·9	1	1	–	–	–	–	–
4. Other Malformations	2·7	2	2	–	–	–	–	–
5. Teething – – –	15·1	16	16	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	6·1	9	–	–	8	1	–	–
ORDER 3.								
1. Old Age – – – –	42·1	30	–	–	–	–	14	16
ORDER 4.								
1. Atrophy and Debility –	38·4	95	84	–	–	3	8	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	18·7	22	5	3	3	5	5	1
2. Wounds { Gunshot –	·7	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds –	4·4	4	1	1	1	–	–	–
4. Poison – – – –	·6	2	–	1	–	–	–	1
5. Drowning – – –	8·9	12	–	6	4	2	–	–
6. Suffocation – –	4·7	4	4	–	–	–	–	–
7. Otherwise – – –	3·5	9	6	1	2	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·7	5	3	–	–	2	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot –	·6	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·2	3	–	–	1	2	–	–
2. Poison – – – –	1·2	–	–	–	–	–	–	–
3 Drowning – – –	1·1	3	–	1	–	2	–	–
4. Hanging – – –	1·9	2	–	–	1	1	–	–
5. Otherwise – – –	·3	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	·2	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	1	–	–	–	1	–	–
Sudden Deaths (Cause unascertained) – – –	2·3	1	1	–	–	–	–	–
Causes not specified or illdefined – – – –	10·4	7	7	–	–	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti
LONDON	3,251,804	2252	1695	780	212	28	20	6	5	49	4	17	7	484	67	104	2
WEST DISTRICTS	561,189	363	273	122	37	1	2	–	1	5	–	3	1	76	13	19	3
NORTH DISTRICTS	751,663	505	393	195	53	9	–	–	3	19	1	7	–	113	16	36	4
CENTRAL DISTRICTS	333,887	193	165	67	15	–	5	–	–	3	1	1	1	45	7	10	3
EAST DISTRICTS	638,928	490	358	170	35	4	5	2	–	11	–	4	2	111	10	13	3
SOUTH DISTRICTS	966,132	701	506	226	72	14	8	4	1	11	2	2	3	139	21	26	6
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	35	21	11	2	–	–	–	–	–	–	–	–	7	1	2	
St. John Paddington H	38082	17	23	9	1	–	–	–	–	–	–	–	–	4	4	5	
Kensington Town *WL*	91583	56	45	24	5	1	–	–	1	2	–	1	–	15	–	–	
Brompton H	28651	12	11	8	1	–	–	–	–	–	–	–	–	4	–	–	
St. Peter Hammersmith	6662	1	1	1	–	–	–	–	–	–	–	–	–	1	–	–	
St. Paul Hammersmith H	36030	34	15	7	2	–	–	–	–	–	–	–	–	5	2	2	
Fulham *WLLLL*	23378	18	19	12	2	–	–	–	–	1	–	–	–	8	1	2	
Chelsea South HH	26419	13	15	7	3	–	–	–	–	–	–	–	–	6	2	4	
Chelsea North-west H*Ww*	23278	20	9	3	1	–	–	–	–	–	–	–	–	1	–	1	
Chelsea North-east L	21389	19	17	13	2	–	–	–	1	–	–	–	–	8	1	1	
Hanover Square	18700	8	11	2	3	–	1	–	–	–	–	–	–	1	–	–	
May Fair *W*	13020	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	43	29	6	1	–	–	–	–	–	–	–	1	10	1	–	
St. John Westminster HHH	38470	30	16	8	2	–	1	–	–	–	–	–	–	4	1	–	
St. Margaret Westminster *WW*HH	27640	21	19	5	6	–	–	–	–	–	–	2	–	2	–	–	1
St. James's Square	10453	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	6	5	2	2	–	–	–	–	–	–	–	–	–	–	1	
Berwick-street	10279	7	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	12	9	3	2	–	–	–	1	–	–	–	–	–	–	1	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	23	22	10	2	–	–	–	–	–	–	1	–	6	–	1	
Cavendish Square	15419	13	6	3	1	–	–	–	–	–	–	–	–	1	–	–	
Rectory Marylebone *WH*	26387	15	16	7	3	1	–	–	–	–	–	–	–	3	–	–	
St. Mary Marylebone H	21795	24	8	5	–	–	–	–	–	–	–	–	–	4	–	–	
Christchurch Marylebone	33892	20	25	11	4	–	–	–	–	–	–	–	–	6	1	2	
St. John Marylebone	33110	20	8	1	3	1	–	–	–	–	–	–	–	–	–	–	
Hampstead *WHH*	32271	24	10	4	–	3	–	–	–	1	–	–	–	3	–	–	
Regent's Park Pancras	38192	18	20	13	2	–	–	–	–	1	–	–	–	4	–	3	
Tottenham-court *w*H	29360	13	18	8	2	–	–	–	–	–	1	1	–	6	1	1	
Gray's Inn Lane H	29216	14	17	10	–	–	–	–	–	2	–	–	–	4	2	4	
Somers Town	38562	23	12	8	3	–	–	–	–	–	–	–	–	6	–	2	
Camden Town *W*	18066	9	11	5	3	–	–	–	–	2	–	–	–	1	1	–	
Kentish Town *W*	68198	51	38	15	9	1	–	–	1	3	–	–	–	4	4	7	
Islington West HHH	97801	70	56	34	5	2	–	–	1	3	–	–	–	19	4	12	
Islington East *Ww*H	115943	83	63	34	9	1	–	–	1	3	–	3	–	26	1	1	
Stoke Newington L	9810	8	7	3	1	–	–	–	–	1	–	–	–	4	–	–	
Stamford Hill	6599	3	2	1	–	–	–	–	–	–	–	–	–	1	1	1	
West Hackney	28076	25	9	5	1	–	–	–	–	–	–	–	–	1	1	2	
Hackney *Ww*HHL	50087	29	28	8	4	–	–	–	–	1	–	2	–	8	–	–	
South Hackney L	30305	20	17	10	1	–	–	–	–	2	–	–	–	6	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	12	7	5	1	–	–	–	–	2	–	–	–	2	–	1	
St. Giles South *WH*	19089	6	9	2	2	–	–	–	–	–	–	–	–	3	–	–	
St. Giles North	16497	9	5	3	1	–	–	–	–	–	–	–	–	2	–	–	
Long Acre	11326	7	4	2	–	–	–	–	–	–	–	1	–	2	–	–	
Charing Cross H	9831	3	2	2	–	–	–	–	–	–	–	–	–	–	–	–	
St. Mary-le-Strand	9876	3	5	–	1	–	–	–	–	–	–	–	–	1	–	–	
St. Clement Danes H	10711	6	8	6	–	–	–	–	–	–	–	–	–	5	–	1	
St. George-the-Martyr HHH	20521	8	14	8	1	–	3	–	–	–	–	–	–	4	–	–	
St. Andrew Eastern *W*	13528	9	12	2	1	–	–	–	–	–	–	–	–	1	–	–	
Saffron Hill	9051	7	3	–	1	–	1	–	–	–	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	8	5	2	–	–	–	–	–	–	–	–	–	2	–	–	
Amwell Clerkenwell	16878	10	5	4	–	–	–	–	–	–	–	–	1	2	–	–	
Pentonville	13293	9	6	5	–	–	–	–	–	–	–	–	–	5	–	–	
Goswell-street	16220	9	7	4	–	–	–	–	–	–	–	–	–	3	–	–	
Old-street H	12156	10	8	4	–	–	–	–	–	–	–	–	–	2	1	1	
City-road *WHHL*	18291	23	9	5	1	–	1	–	–	1	–	–	–	2	–	–	
Whitecross-street	13790	16	8	2	–	–	–	–	–	–	–	–	–	5	–	–	
Finsbury	10732	5	2	1	–	–	–	–	–	–	–	–	–	2	–	–	
St. Botolph East London HH	14484	9	8	3	1	–	–	–	–	–	–	–	–	2	–	–	
Cripplegate	13639	8	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Sepulchre H	7562	1	18	–	1	–	–	–	–	–	1	–	–	–	1	1	1
St. Bride *W*	11184	9	9	4	1	–	–	–	–	–	–	–	–	–	1	2	
Castle Baynard	4389	–	1	–	–	–	–	–	–	–	–	–	–	–	1	1	
Christchurch	6508	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	4	2	–	1	–	–	–	–	–	–	–	–	–	1	1	
Allhallows Barking	5694	1	3	1	–	–	–	–	–	–	–	–	–	–	2	2	
Broad Street	7838	–	4	1	2	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 3d August 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	3	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Leonard Shoreditch HL†	16545	13	10	4	-	-	2	-	-	-	-	1	-	3	-	-	-
xton New Town *w*	27832	9	15	2	6	-	-	1	-	1	-	-	-	5	-	-	4
xton Old Town	26944	24	17	12	1	-	-	-	-	-	-	-	-	7	-	-	-
ggerstone West *W*	24153	20	17	9	5	-	-	-	-	-	-	-	-	3	-	-	3
ggerstone East	19257	12	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-
ckney-road	29808	18	15	12	-	1	-	-	-	-	-	-	-	4	-	-	-
en, Bethnal Green *WHL*†	42443	35	23	11	1	1	1	-	-	-	-	-	-	8	-	1	4
urch, Bethnal Green	26574	29	18	12	2	1	-	1	-	-	-	1	-	6	-	-	-
wn, Bethnal Green	21375	19	11	7	-	-	-	-	-	-	-	-	-	6	-	-	-
illery Whitechapel	6651	9	5	3	-	-	-	-	-	-	-	-	-	3	-	-	-
talfields	15844	2	5	3	1	-	-	-	-	-	-	-	-	3	-	-	-
le End New Town *W*	15550	19	15	4	2	-	-	-	-	2	-	-	-	4	-	-	7
itechapel North	11434	12	6	3	1	-	-	-	-	-	-	-	-	1	-	-	-
itechapel Church H	7323	-	10	1	1	-	-	-	-	1	-	-	-	-	2	2	8
odman's Fields	10381	7	7	2	1	-	-	-	-	1	-	-	-	2	-	-	-
lgate	9149	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17906	23	4	1	-	-	-	-	-	-	-	-	-	2	-	-	-
Paul St. George East	21356	16	12	10	-	-	-	-	-	-	-	1	-	4	-	-	-
John St. George East *W*	8973	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	2
adwell	11623	10	4	2	-	-	-	-	-	-	-	-	-	-	2	2	-
tcliff H	15930	13	11	5	1	-	-	-	-	1	-	-	-	2	2	2	1
nehouse *W*	30025	20	12	7	1	-	-	-	-	-	-	-	-	4	-	-	-
le End Old Town West	38126	28	25	10	2	-	1	-	-	1	-	-	1	6	-	2	-
le End Old Town East *WwH*	55020	44	35	16	5	-	-	-	-	2	-	-	1	13	1	1	1
w *WwwHL*†	67777	56	47	23	3	1	1	-	-	1	-	-	-	15	3	3	9
plar *WW*	48500	37	20	9	-	-	-	-	-	1	-	1	-	8	-	-	-
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	9	9	5	2	-	-	-	-	-	-	-	-	1	1	-	1
Saviour Southwark H	15667	12	11	6	-	-	-	-	-	-	-	-	-	5	-	-	-
nt-road	20430	13	9	9	-	1	-	-	-	-	-	-	-	5	-	-	-
rough-road *WH*	16694	12	9	4	1	-	-	-	-	1	-	-	-	3	1	1	1
ndon-road L	18959	11	9	4	-	-	-	-	-	-	-	-	1	4	-	-	-
nity Newington	23673	28	21	12	1	-	-	-	-	-	-	-	-	6	-	-	-
Peter Walworth *W*	48232	38	30	16	4	-	-	-	-	-	-	-	-	10	-	-	7
Mary Newington	16786	12	6	4	1	-	-	-	-	-	-	-	-	1	-	-	-
Olave Southwark H	4157	-	5	-	-	-	-	-	-	-	-	-	-	1	-	-	4
John Horsleydown *W*	10595	4	11	5	2	-	-	-	1	-	-	-	-	3	-	-	2
ather Market	16785	11	9	4	-	-	-	-	-	-	-	-	-	4	1	1	-
Mary Magdalen *W*	15707	12	14	5	3	1	-	-	-	-	-	-	-	5	-	-	3
James Bermondsey	47921	44	21	10	4	-	-	-	-	-	-	-	-	9	1	2	-
therhithe *W*	25873	11	17	2	3	-	1	3	-	1	-	-	-	3	1	2	-
aterloo-road 1st H	14086	10	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-
aterloo-road 2nd H	18453	15	9	4	-	-	-	-	-	-	-	-	-	3	1	1	-
mbeth Church 1st H	19470	12	16	10	1	-	1	-	-	-	-	-	-	4	-	-	6
mbeth Church 2nd *W*	35831	34	14	5	5	1	2	-	-	-	-	-	-	3	-	-	5
nnington 1st *W*	41284	26	18	7	5	1	-	-	-	-	-	-	-	5	-	-	-
nnington 2nd	31213	27	17	7	3	-	-	-	-	1	-	-	-	5	-	-	-
ixton HL	35431	26	26	10	3	8	1	-	-	-	2	-	-	6	-	-	10
rwood *W*	12534	13	5	1	-	-	3	-	-	-	-	-	-	1	-	-	3
pham HL	27348	23	12	6	1	-	-	-	-	1	-	1	-	9	-	-	-
ttersea *W*	53988	44	29	20	2	-	-	-	-	-	-	-	-	11	3	3	1
ndsworth HL	19797	15	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
tney	9438	4	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-
eatham	14479	11	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
lwich	4041	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
mberwell *WL*†*L*†	31251	18	21	4	5	-	-	-	-	1	-	1	1	2	-	-	5
ckham *W*	42159	32	17	7	3	1	-	-	-	3	-	-	-	3	-	-	1
George Camberwell	33851	21	13	7	2	-	-	-	-	-	-	-	-	4	1	2	-
Paul Deptford	53696	42	25	15	1	1	-	-	-	1	-	-	-	7	4	5	-
Nicholas Deptford	6487	5	3	1	1	-	-	-	-	-	-	-	-	-	1	2	-
eenwich West	21098	14	14	5	2	-	-	-	-	-	-	-	-	2	1	2	-
eenwich East *WH*	19320	13	13	3	2	-	1	-	-	-	-	-	-	2	1	3	7
ham	4523	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	9	5	3	-	-	-	-	-	2	-	-	-	-	-	-	-
wisham Village *W*	11508	6	5	2	-	-	-	-	-	-	-	-	-	1	-	-	2
lenham	19016	10	8	1	1	-	-	-	-	-	-	-	-	-	1	1	-
arlton H	9503	2	4	2	1	-	-	-	-	-	-	-	-	1	1	1	-
olwich Dockyard	17229	16	8	5	2	-	-	-	-	-	-	-	1	1	-	-	-
olwich Arsenal H	18319	14	12	6	2	-	-	-	-	-	-	-	-	3	2	1	-
mstead, West *W*	13028	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead, East *W*	15290	10	11	2	6	-	-	-	-	-	-	-	-	2	-	-	7

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3d AUGUST, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	28	..	29·798	80·3	56·0	24·3	67·0	61·2	152·3	46·7	73·0	70·2	5·8	14·3	1·0	+ 4·8	82	SSW.& SW.	SW.	0·8	0·0	0·0	141	0·00	..
MONDAY. .	29	..	29·611	78·2	59·0	19·2	67·9	61·2	142·2	52·4	73·4	69·2	6·7	18·2	0·7	+ 5·6	79	WSW&SW.	SSW.	1·0	0·0	0·1	143	0·08	..
TUESDAY .	30	..	29·546	74·6	52·8	21·8	61·0	59·0	103·9	45·0	73·1	69·8	2·0	12·9	0·0	— 1·4	93	N. SW.& W.	NNE. & NE.	2·8	0·0	0·4	229	0·10	..
WEDNESDAY	31	..	29·773	70·1	47·4	22·7	57·9	49·3	130·4	38·9	72·6	69·8	8·6	18·4	2·7	— 4·5	73	NNE.&N.	N.& WSW.	1·4	0·0	0·2	233	0·00	..
AUGUST.																									
THURSDAY.	1	Greatest Dec. N.	29·666	75·7	55·1	20·6	62·4	52·2	138·0	52·7	71·4	68·6	10·2	25·0	3·0	0·0	69	WSW. & SW.	WSW. & S.	0·8	0·0	0·0	158	0·00	..
FRIDAY . .	2	..	29·452	67·2	53·3	13·9	58·3	55·4	115·6	52·0	71·0	67·6	2·9	9·4	0·0	— 4·1	90	SSW &W.	Variable	0·7	0·0	0·0	138	0·79	..
SATURDAY.	3	Apogee.	29·642	70·0	51·8	18·2	57·6	53·7	112·7	51·1	70·0	68·0	3·9	16·2	0·0	— 4·8	87	NNE.&N.	NNE.	2·5	0·0	0·1	199	0·04	..
MEANS . .		..	29·641	73·7	53·6	20·1	61·7	56·0	127·9	48·4	72·1	69·0	5·7	16·3	1·1	— 0·6	82	SW. & NNE.		..	..	..	Sum 1241	Sum 1·01	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
JULY.			
SUNDAY .	28	Weak positive shown at night.	Fine, though cloudy.
MONDAY .	29		Cloudy throughout. Rain fell heavily during the evening.
TUESDAY .	30	Strong positive and negative, with sparks and galvanic currents during thunderstorm.	Raining till 4h. A.M., and occasionally thinly during the day. Dense clouds generally prevalent. Frequent thunder at mid-day.
WEDNESDAY	31	Weak positive throughout.	Nearly cloudless, and very fine in early morning. About 9h A.M. the clouds began to gather, and the sky became overcast at night.
AUGUST.			
THURSDAY .	1	Positive, with weak tension.	Fine and bright till noon; dull, hazy, and cloudy afterwards.
FRIDAY .	2	Very strong electricity manifested both positive and negative, with sparks and galvanic currents during times of rain-fall.	Heavy rain in morning and again at night. Generally overcast. Violent thunderstorm between 6h. P.M. and 9h. P.M.
SATURDAY .	3	Strong negative was shown at night.	Generally cloudy; rain fell occasionally.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and – "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·82 in. at the beginning of the week to 29·86 in. by 9h. A.M. on the 28th; decreased to 29·50 in. by 9h. A.M. on the 30th; increased to 29·79 in. by noon on the 31st of July; decreased to 29·45 in. by noon on the 2d of August; and increased to 29·71 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
12th August 1872.

United Kingdom.

During the week ending Saturday last, 5237 *births* and 3909 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 28 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 20 per 1000 persons living, in Glasgow 28 per 1000, and in Dublin 26.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 25 per 1000; Portsmouth 24, Norwich 26, Bristol 24, Wolverhampton 20, Birmingham 29, Leicester 42, Nottingham 37, Liverpool 34, Manchester 29, Salford 28, Oldham 36, Bradford 28, Leeds 35, Sheffield 30, Hull 33, Sunderland 30, and Newcastle-upon-Tyne 30. The fatal cases of small-pox in these eighteen towns, which had been 76 and 83 in the two previous weeks, declined last week to 52; the annual death-rate from the disease was, however, equal to 6 per 1000 in Portsmouth, 3 in Leicester, and one in Leeds. The deaths referred to diarrhœa in the eighteen towns, which in the eight previous weeks had steadily increased from 34 to 966, declined last week to 946, showing an average annual death-rate of 8 per 1000; this rate ranged from 2 per 1000 in Portsmouth, and 3 each in Bristol and Wolverhampton, to 11 each in Manchester and Liverpool, 12 in Hull, and 16 in Leicester. The deaths referred to simple cholera and choleraic diarrhœa in these towns were 37, against 47 in the previous week. Scarlatina showed fatal prevalence in Oldham and Birmingham.

London.

In London 2169 births and 1598 deaths were registered last week. After making due allowance for increase of population, the births were 27, and the deaths 70, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the six preceding weeks had steadily increased from 17 to 27, declined last week to 25. The rate, after distribution of the deaths in institutions in proportion to population, was 21 per 1000 in the West, 24 in the North, 22 in the Central, 29 in the East, and 27 in the South groups of Districts.

The 1598 deaths included 15 from small-pox, 18 from measles, 12 from scarlet fever, 6 from diphtheria, 37 from whooping-cough, 22 from different forms of fever (of which 3 were certified as typhus, 12 as enteric or typhoid, and 7 as simple continued fever), and 441 from diarrhœa; thus to the seven principal diseases of the zymotic class 551 deaths were referred, against 535 and 620 in two preceding weeks. The fatal cases of each of these diseases, except diarrhœa, were considerably below the corrected average numbers in the corresponding week of the last ten years; those of whooping-cough showed a considerable decline upon those returned in recent weeks.

The deaths from small-pox, which in the two previous weeks had been 33 and 28, declined to 15 last week, of which 6 were recorded in the special small-pox hospitals. So few deaths from small-pox have not been returned in London in any week since October 1870.

The cold weather which set in on 30th ultimo continued throughout last week, and the mean temperature of the week at the Royal Observatory, Greenwich, was 59°·2 and 3 degrees below the average for the corresponding period in 50 years. More than an inch and a quarter of rain fell in London, half of which was measured on Wednesday.

The low temperature and abundant rain has checked the rapid increase in the fatality from diarrhœa which has been noted in recent weeks; the deaths referred to this cause, which in the eight previous weeks had risen from 16 to 484, declined last week to 441, which, however, exceeded by 179 the corrected average number in the corresponding week of the last ten years; no less than 421 of these fatal diarrhœa cases were of children under 5 years of age, including 380 of infants under one year. The annual death-rate from the disease, which in the whole of London averaged 7 per 1000, was 6 in the West, 7 in the North, 4 in the Central, and 8 each in the East and South groups of Districts.

To cholera and choleraic diarrhœa 24 deaths were referred last week, against 19 and 33 in the two preceding weeks; of these 14 were infantile cases. The details of the 10 other cases were as follow:—A tailor, aged 62 years, in Whitfield-street, Tottenham Court Road, "choleraic diarrhœa, 54 hours" a shoemaker, aged 55 years, in Lower Garden-street, Westminster, "diarrhœa, 7 days, cholera, 3 days"; a fruit hawker, aged 56 years, in William-street, Kensington, "English cholera"; a gentleman, aged 70 years, at Highbury Grange, "choleraic diarrhœa, 4 days"; a commercial traveller, aged 69 years, in Glaskin-road, South Hackney, "English cholera 3 days, diarrhœa, collapse 5 hours"; the widow of a general dealer, aged 50 years, in Boar's Head-yard, Whitechapel, "malignant cholera, 25 hours;" a hawker, aged 49 years, in Raymond-street, St. George-in-the-East, "choleraic diarrhœa, 16 hours;" the daughter of a labourer, aged 9 years, in Devonshire-terrace, Poplar, "choleraic diarrhœa, 22 hours;" a carpenter, aged 60 years, in Waterloo-place, Deptford, "choleraic diarrhœa, 14 days;" and the wife of a gun-borer, aged 46 years, in Eton-place, Plumpstead West, "exhaustion from choleraic diarrhœa."

To different forms of violence 52 deaths were referred; 43 were the result of negligence or accident, including 18 from fractures and contusions, one from burns and scalds, 9 from drowning, and 9 of infants from suffocation. The deaths of 3 children were referred to sunstroke. Seven cases of suicide, and one each of murder and manslaughter, were registered during the week.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 57 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 11th August; of these, 49 occurred in the Metropolitan, and 8 in the City Police Districts.

In the large Public Institutions 170 deaths were recorded, or 11 per cent. of the total deaths; of these 96 occurred in Workhouses and 73 in Hospitals. The Middlesex Hospital has been closed for repairs since 1st August; there are no patients in the hospital.

Indian Cities.

In Bombay the deaths registered during the week ending July 16th were 322, and the annual death-rate was equal to 26 per 1000. In Calcutta 142 deaths were returned in the week ending June 29th. In Madras the 275 deaths in the week ending 21st June showed an annual death-rate equal to 36 per 1000.

Foreign Cities.

In Paris 854 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 80 deaths occurred in the week ending the 3rd instant, and the annual death-rate was 22 per 1000. In Berlin during the week ending last Thursday, 633 deaths were recorded, showing an annual rate of 40 per 1000; 213 deaths were referred to infantile diarrhœa, and 28 to enteric fever. In Vienna the 360 deaths in the week ending 3rd instant gave an annual rate of 30 per 1000. In Rome 218 deaths were registered in the week ending the 28th ultimo, and the annual death-rate was 47 per 1000.

In the City of New York 918 deaths were registered in the week ending July 20th, and the equivalent annual rate of mortality was 51 per 1000; 438 deaths were referred to diarrhœal diseases (against 639 and 487 in the two preceding weeks), 21 to cerebro-spinal fever, and 12 to the direct effects of solar heat.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·56 in.; the highest reading was 29·87 in. on Friday morning, and the lowest 29·30 in. on Wednesday afternoon. The mean temperature of the *air* was 59°·2, or 3°·0 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a deficiency on each day of the week; the coldest day was Sunday 4th instant, when the mean was but 54°·6,

and 7°·7 below the average. The highest day temperature in the shade was 77°·9 on Wednesday, and the lowest night temperature 48°·6 on Friday; the entire range in the week was, therefore, 29°·3. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 139°·0 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 4°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 66°·4. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9 miles per hour. *Rain* fell during the week to the amount of 1·38 in., one half of which was measured on Wednesday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 57°·2 in Hull, to 59°·8 in Manchester; the lowest recorded night temperature was 42°·0 in Hull, and the highest day temperature in the shade 78°·0 in Manchester. Rain was measured in each of these towns; the amounts varied from ·76 of an inch in Hull, to 1·79 inches in Bradford.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 313,694 cubic metres, and at Barking 325,928 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SECOND Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1757	1772	1962	2042	1971	2087	2025	2227	2066	2057	1996·6	2169
Males . .	883	919	1014	1065	1021	1053	1065	1168	991	1055	1023·4	1122
Females .	874	853	948	977	950	1034	960	1059	1075	1002	973·2	1047
TOTAL **Deaths**	1181	1402	1433	1374	2299	1274	1545	1591	1494	1568	1516·1	1598
Males . .	634	728	733	702	1131	667	795	822	755	805	777·2	861
Females .	547	674	700	672	1168	607	750	769	739	763	738·9	737

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.
TOTAL **Deaths** - - -	1268	1205	1336	1289	1207	1230	1070	1193	1285	1467	1643	1695	1598
Deaths under 5 years of age -	523	495	527	536	449	470	416	518	628	765	950	997	940
Deaths 5—20 - - -	91	91	83	90	97	85	88	89	76	91	82	86	72
Deaths 20—40 - - -	200	188	198	200	211	198	163	197	172	188	175	185	168
Deaths 40—60 - - -	215	204	241	220	217	217	205	178	204	200	201	215	197
Deaths 60—80 - - -	199	190	234	201	189	215	167	173	163	187	192	172	186
Deaths at 80 years & upwards	40	37	53	42	44	45	30	38	42	36	43	40	35
Deaths from Small-pox - -	54	54	37	27	37	26	43	35	26	29	33	28	15
„ „ Measles - -	47	41	59	39	33	41	33	42	28	12	25	20	18
„ „ Scarlet fever - -	16	20	18	18	12	9	11	17	12	3	7	6	12
„ „ Diphtheria -	5	5	10	4	3	6	—	3	3	5	5	5	6
„ „ Whooping-cough	73	74	72	63	41	53	44	46	53	60	50	49	37
„ „ Typhus fever -	2	1	3	8	1	2	2	3	4	4	3	4	3
„ „ Enteric (or Typhoid) fever -	11	8	13	18	12	11	14	10	11	9	14	17	12
„ „ SimpleContdfever	12	7	12	7	9	10	4	6	5	10	4	7	7
„ „ Diarrhœa - -	14	9	15	24	16	25	37	61	148	258	394	484	441
„ „ Simple Cholera -	—	—	—	2	—	1	2	4	12	17	19	33	24
„ „ Phthisis - -	174	150	186	172	181	160	159	166	166	148	159	150	153
„ „ Bronchitis - -	114	114	130	116	100	108	60	72	67	66	65	56	51
„ „ Pneumonia -	63	59	72	76	53	52	41	36	50	53	40	37	44
„ „ Heart Disease -	54	78	61	68	64	70	62	68	57	66	64	72	61
Mean Temperature of the Air	47°·5	49°·8	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2
Mean Temperature of the Water of the Thames -	53·1	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4
Humidity of the Air - -	86	72	74	83	80	69	72	66	78	83	81	82	86
Rain-fall in inches - -	1·95	0·05	0·15	0·77	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 10th day of August 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 10th Aug. 1872.	DEATHS registered during the Week ending 10th Aug. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5237	3909	78·0	42·0	58·0	14·44	1·30	3·3
LONDON	78,080	3,311,298	42·4	2169	1598	77·9	48·6	59·2	15·11	1·38	3·5
PORTSMOUTH	9,513	115,455	12·1	71	52	73·4	46·4	58·5	14·72	0·87	2·2
NORWICH	7,472	81,105	10·9	43	40	73·0	48·0	58·4	14·66	1·21	3·0
BRISTOL	4,688	186,428	39·8	121	87	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	51	27	69·8	46·8	57·3	14·05	1·71	4·3
BIRMINGHAM	7,831	350,164	44·7	251	192	69·4	47·8	58·0	14·44	1·65	4·1
LEICESTER	3,200	99,143	31·0	89	79	—	—	—	—	—	—
NOTTINGHAM	1,996	88,225	44·2	48	63	72·6	45·0	58·4	14·66	1·09	2·7
LIVERPOOL	5,108	499,897	97·9	372	330	71·9	49·8	58·5	14·72	0·92	2·3
MANCHESTER	4,486	352,759	78·6	269	198	78·0	50·0	59·8	15·44	1·43	3·6
SALFORD	5,172	127,923	24·7	129	69	74·8	48·0	57·8	14·33	1·40	3·5
OLDHAM	4,167	84,004	20·2	71	58	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	145	82	70·0	49·7	58·4	14·66	1·79	4·5
LEEDS	21,572	266,564	12·4	261	180	71·0	46·0	57·3	14·05	0·94	2·3
SHEFFIELD	22,830	247,847	10·9	239	143	72·0	45·0	58·2	14·55	1·51	3·8
HULL	3,562	124,976	35·1	85	80	70·0	42·0	57·2	14·00	0·76	1·9
SUNDERLAND	3,306	100,665	30·4	92	57	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	73	76	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	116	78	64·0	49·7	56·3	13·50	0·75	1·9
GLASGOW	5,063	489,136	94·8	332	265	65·7	46·8	56·0	13·33	1·85	4·7
DUBLIN	9,745	310,565	31·9	210	155	72·7	44·0	58·8	14·89	1·59	4·0

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preval between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 10th day of August 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	28	3411	1567	459	52	38	54	8	82	70	946	101	188
LONDON	25	1598	750	221	15	18	12	6	37	22	441	52	112
PORTSMOUTH	24	52	14	9	14	1	–	–	–	2	5	3	3
NORWICH	26	40	17	10	1	–	–	–	1	2	7	1	2
BRISTOL	24	87	22	21	3	–	–	–	3	3	9	6	10
WOLVERHAMPTON	20	27	10	3	–	–	1	–	–	3	4	–	–
BIRMINGHAM	29	192	81	28	4	–	14	–	2	4	41	4	8
LEICESTER	42	79	45	7	5	1	–	–	–	3	31	–	–
NOTTINGHAM	37	63	26	12	–	–	–	–	4	5	17	2	3
LIVERPOOL	34	330	158	49	–	10	2	1	13	11	101	9	10
MANCHESTER	29	198	90	21	–	–	2	1	5	–	75	11	18
SALFORD	28	69	36	11	–	–	2	–	–	1	22	1	6
OLDHAM	36	58	16	7	–	–	11	–	1	1	6	1	1
BRADFORD	28	82	33	7	–	4	2	–	1	2	30	2	2
LEEDS	35	180	88	15	6	–	2	–	5	9	52	2	3
SHEFFIELD	30	143	67	9	2	4	4	–	6	–	42	3	6
HULL	33	80	45	11	1	–	1	–	2	2	28	2	2
SUNDERLAND	30	57	32	10	–	–	1	–	2	–	18	1	1
NEWCASTLE-ON-TYNE	30	76	37	8	1	–	–	–	–	–	17	1	1
DUBLIN	26	155	23	39	19	3	7	–	–	4	6	2	2

TABLE 5.—DEATHS Registered in LONDON in the THIRTY-SECOND Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 10, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	62°7	59°2						
ALL CAUSES – –	1516·1	1598	940	72	168	197	186	35
SPECIFIED CAUSES	1504·6	1597	939	72	168	197	186	35
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	23·4	15	5	3	6	1	–	–
Measles – – –	32·8	18	16	2	–	–	–	–
Scarlet Fever (Scarlatina)	64·3	12	11	1	–	–	–	–
Diphtheria – – –	7·8	6	1	3	1	1	–	–
Quinsy – – –	·7	–	–	–	–	–	–	–
Croup – – –	8·5	5	5	–	–	–	–	–
Whooping-cough – –	36·8	37	35	2	–	–	–	–
Typhus – – –	45·1	3	–	1	1	1	–	–
Enteric or Typhoid Fever		12	4	4	–	3	–	1
Simple continued Fever		7	3	1	1	1	1	–
Erysipelas – – –	6·8	5	2	–	1	1	1	–
Puerperal Fever (Metria)	2·8	2	–	1	1	–	–	–
Carbuncle – – –	1·1	1	–	1	–	–	–	–
Influenza – – –	·2	–	–	–	–	–	–	–
Dysentery – – –	2·2	1	–	1	–	–	–	–
Diarrhœa – – –	238·3	441	421	1	2	7	7	3
Simple Cholera – –	25·6	24	14	1	–	5	4	–
Ague – – –	·4	1	–	1	–	–	–	–
Remittent Fever – –	·9	–	–	–	–	–	–	–
Rheumatism – – –	4·8	1	–	–	–	1	–	–
Other *Zymotic* Diseases –	·1	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	7·3	12	11	–	–	1	–	–
Stricture of Urethra –	·8	2	–	–	1	1	–	–
Hydrophobia – – –	·2	–	–	–	–	–	–	–
Glanders – – –	—	–	–	–	–	–	–	–
ORDER 3.								
Privation – – – –	·8	–	–	–	–	–	–	–
Want of Breast-milk –	15·6	20	20	–	–	–	–	–
Purpura and Scurvy –	1·6	3	2	–	1	–	–	–
Alcoholism { *a* Del. Tremens	2·2	3	–	–	1	2	–	–
Alcoholism { *b* Intemperance –	1·1	1	–	–	–	1	–	–
ORDER 4.								
Thrush – – – –	5·5	6	6	–	–	–	–	–
Worms, &c. – – –	·2	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·3	1	–	–	–	1	–	–
Dropsy – – – –	11·6	4	–	–	–	1	3	–
Cancer – – – –	26·4	43	–	2	6	20	14	1
Cancrum Oris (Noma) –	·6	–	–	–	–	–	–	–
Mortification – – –	3·2	1	–	–	–	–	1	–
ORDER 2.								
Scrofula – – – –	9·9	11	10	1	–	–	–	–
Tabes Mesenterica – –	32·2	34	34	–	–	–	–	–
Phthisis – – – –	157·9	153	15	14	76	42	6	–
Hydrocephalus – –	25·6	19	18	1	–	–	–	–
II. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	16·0	16	10	4	1	1	–	–
Apoplexy – – – –	28·5	37	8	1	1	12	14	1
Paralysis – – – –	22·6	25	–	–	–	1	21	3
Insanity – – – –	2·2	3	–	–	1	1	1	–
Chorea – – – –	—	–	–	–	–	–	–	–
Epilepsy – – – –	5·7	2	–	–	1	–	1	–
Convulsions – – –	48·7	41	41	–	–	–	–	–
Brain Disease, &c. – –	15·8	18	2	1	3	8	4	–
ORDER 2.								
Pericarditis – – –	2·0	1	–	–	1	–	–	–
Aneurism – – – –	2·1	1	–	–	1	–	–	–
Heart Disease, &c. – –	53·9	61	–	4	13	17	27	–
ORDER 3.								
Laryngitis – – –	3·6	3	3	–	–	–	–	–
Bronchitis – – –	51·3	51	19	–	2	11	17	2
Pleurisy – – – –	2·6	4	–	–	4	–	–	–
Pneumonia – – –	40·7	44	26	2	6	4	5	1
Asthma – – – –	3·8	4	–	–	–	–	4	–
Lung Disease, &c. – –	8·4	11	4	1	2	4	–	–
ORDER 4.								
Gastritis – – – –	2·5	2	–	–	–	2	–	–
Enteritis – – – –	8·4	8	5	–	–	1	2	–
Peritonitis – – –	4·9	6	2	1	2	1	–	–
Ascites – – – –	2·3	3	–	–	1	1	1	–
Ulceration of Intestines –	2·9	9	1	–	2	4	2	–
Hernia – – – –	3·3	2	–	–	–	2	–	–
Ileus – – – –	3·2	1	1	–	–	–	–	–
Intussusception – –	1·0	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Thirty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 10, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	62°7	59°2						
9. Stricture of Intestines –	·8	–	–	–	–	–	–	–
10. Fistula – – –	—	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	8·1	10	4	–	1	1	3	1
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – – –	4·1	7	–	–	2	3	2	–
14. Jaundice – – – –	5·5	8	6	–	1	–	1	–
15. *Liver Disease, &c.* – –	17·0	16	–	1	3	8	2	2
16. *Spleen Disease, &c.* – –	·7	1	–	–	–	1	–	–
ORDER 5.								
1. Nephritis – – – –	1·2	2	1	1	–	–	–	–
2. Ischuria – – – –	·5	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·8	13	–	–	2	7	4	–
4. Diabetes – – – –	·7	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·5	–	–	–	–	–	–	–
6. Cystitis – – – –	·6	2	–	–	–	1	1	–
7. *Kidney Disease, &c.* – –	7·8	7	–	1	1	2	3	–
ORDER 6.								
1. Ovarian Dropsy – –	·9	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	4·0	6	–	–	1	3	2	–
ORDER 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	4·1	8	–	3	2	–	3	–
ORDER 8.								
1. Phlegmon – – – –	2·1	2	1	1	–	–	–	–
2. Ulcer – – – – –	·6	1	–	–	–	–	1	–
3. *Skin Disease, &c.* – –	1·3	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	21·6	24	24	–	–	–	–	–
2. Cyanosis – – – –	1·9	1	1	–	–	–	–	–
3. Spina Bifida – – –	1·5	–	–	–	–	–	–	–
4. Other Malformations –	1·4	1	1	–	–	–	–	–
5. Teething – – – –	14·0	11	11	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	5·0	4	–	–	4	–	–	–
ORDER 3.								
1. Old Age – – – –	40·3	40	–	–	–	–	22	18
ORDER 4.								
1. Atrophy and Debility –	87·2	124	118	1	–	2	3	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	15·8	18	4	2	4	4	3	1
2. Wounds { Gunshot –	·2	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		1	–	–	–	–	1	–
3. Burns and Scalds – –	3·2	1	1	–	–	–	–	–
4. Poison – – – –	1·5	–	–	–	–	–	–	–
5. Drowning – – –	9·9	9	–	4	4	1	–	–
6. Suffocation – – –	5·1	9	9	–	–	–	–	–
7. Otherwise – – –	3·3	5	3	2	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·5	2	–	1	1	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	·9	1	–	–	1	–	–	–
2. Poison – – – –	1·0	1	–	–	–	1	–	–
3. Drowning – – –	1·4	4	–	–	2	2	–	–
4. Hanging – – – –	1·0	–	–	–	–	–	–	–
5. Otherwise – – –	·6	1	–	–	–	1	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·2	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·5	–	–	–	–	–	–	–
Causes not specified or illdefined – – – –	9·0	1	1	–	–	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2169	1598	750	221	15	18	12	6	37	3	12	7	441	52	112
WEST DISTRICTS	561,189	313	219	112	36	–	1	–	–	3	–	1	2	66	2	10
NORTH DISTRICTS	751,668	489	350	182	40	7	5	–	2	12	1	1	1	110	9	24
CENTRAL DISTRICTS	333,887	202	148	52	23	–	1	1	1	1	–	1	1	26	3	10
EAST DISTRICTS	638,928	458	378	166	55	3	5	5	–	8	–	4	1	93	27	53
SOUTH DISTRICTS	966,132	707	503	238	67	5	6	6	3	13	2	5	2	146	11	15
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	33	23	8	5	–	–	–	–	–	–	–	–	6	–	2
St. John Paddington H	38082	19	15	7	7	–	–	–	–	–	–	–	–	4	1	1
Kensington Town *WL*	91583	57	31	21	3	–	–	–	–	–	–	–	–	9	–	–
Brompton H	28651	16	10	5	1	–	–	–	–	–	–	–	–	5	–	1
St. Peter Hammersmith	6662	2	1	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Paul Hammersmith H	36030	19	15	9	3	–	–	–	–	–	–	–	–	5	–	2
Fulham *WLLLL*	23378	14	10	5	1	–	–	–	–	1	–	–	1	3	–	–
Chelsea South HH	26419	15	12	6	–	–	–	–	–	1	–	–	–	3	–	–
Chelsea North-west *HWw*	23278	16	11	4	2	–	–	–	–	–	–	–	–	1	–	–
Chelsea North-east L	21389	22	11	6	3	–	–	–	–	–	–	–	–	3	–	1
Hanover Square	18700	3	4	3	–	–	–	–	–	–	–	–	–	2	–	–
May Fair *W*	13020	1	1	1	–	–	–	–	–	1	–	–	–	–	–	–
Belgrave HH	58043	32	28	14	3	–	–	–	–	–	–	–	–	11	–	1
St. John Westminster HHH	38470	27	12	4	1	–	–	–	–	–	–	–	1	2	1	1
St. Margaret Westminster *WWHH*	27640	15	11	5	2	–	–	–	–	–	–	–	–	2	–	1
St. James's Square	10453	3	5	3	2	–	–	–	–	–	–	–	–	2	–	–
Golden Square *W*	12855	5	7	3	2	–	–	–	–	–	–	–	–	2	–	–
Berwick-street	10279	3	7	4	–	–	–	–	–	–	–	–	1	3	–	–
St. Anne Soho HH	17555	11	5	3	1	–	1	–	–	–	–	–	–	2	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	13	7	1	1	–	–	–	–	–	–	–	–	–	–	–
Cavendish Square	15419	3	2	–	–	–	–	–	–	–	–	–	–	1	–	–
Rectory Marylebone *WH*	26387	20	11	4	2	1	1	–	–	–	–	–	–	1	–	–
St. Mary Marylebone H	21795	17	8	4	–	–	–	–	–	–	–	–	–	3	–	–
Christchurch Marylebone	33892	19	21	11	2	–	–	–	–	2	–	1	–	8	–	3
St. John Marylebone	33110	13	17	10	2	–	–	–	–	–	–	–	–	7	–	1
Hampstead *WHH*	32271	17	11	5	1	1	–	–	2	1	–	–	–	2	1	–
Regent's Park Pancras	38192	23	16	7	3	–	–	–	–	1	–	–	–	7	–	–
Tottenham-court *wH*	29360	17	11	4	3	–	–	–	–	1	–	–	–	2	–	–
Gray's Inn Lane H	29216	20	10	3	3	–	1	–	–	1	–	–	–	4	–	1
Somers Town	38562	30	19	8	3	1	–	–	–	–	–	–	–	6	–	–
Camden Town *W*	18066	19	14	11	1	–	–	–	–	–	–	–	–	7	2	3
Kentish Town *W*	68198	46	39	23	4	–	–	–	–	1	1	–	–	15	1	3
Islington West HHH	97801	67	32	18	1	1	–	–	–	1	–	–	–	9	1	2
Islington East *WwH*	115948	80	60	29	8	–	–	–	–	4	–	–	–	12	4	8
Stoke Newington L	9810	10	5	5	–	–	–	–	–	–	–	–	–	4	–	1
Stamford Hill	6599	5	4	1	1	–	–	–	–	–	–	–	–	1	–	–
West Hackney	28076	13	8	3	2	–	–	–	–	–	–	–	1	2	–	–
Hackney *WwHHL*	50087	37	30	19	2	2	1	–	–	–	–	–	–	12	–	–
South Hackney L	30305	20	25	16	1	1	2	–	–	–	–	–	–	7	–	2
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	6	10	2	2	–	–	–	–	1	–	1	–	–	–	–
St. Giles South *WH*	19089	15	12	4	3	–	–	–	1	–	–	–	–	1	–	2
St. Giles North	16497	5	9	5	1	–	–	–	–	–	–	–	–	2	–	2
Long Acre	11826	6	2	–	–	–	–	–	–	–	–	–	–	2	–	–
Charing Cross H	9831	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	9	2	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Clement Danes H	10711	7	11	5	–	–	–	–	–	–	–	–	–	4	–	–
St. George-the-Martyr HHH	20521	12	8	4	1	–	–	1	–	–	–	–	–	–	3	3
St. Andrew Eastern *W*	13528	5	10	5	1	–	–	–	–	–	–	–	–	3	–	1
Saffron Hill	9051	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18012	14	10	4	2	–	–	–	–	–	–	–	1	2	–	–
Amwell Clerkenwell	16878	6	4	1	–	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	9	5	3	–	–	–	–	–	–	–	–	–	2	–	–
Goswell-street	16220	9	11	5	3	–	–	–	–	–	–	–	–	1	–	2
Old-street H	12156	8	1	–	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	29	6	2	2	–	–	–	–	–	–	–	–	1	–	–
Whitecross-street	13790	5	4	2	1	–	–	–	–	–	–	–	–	1	–	–
Finsbury	10732	10	5	3	1	–	1	–	–	–	–	–	–	3	–	–
St. Botolph East London HH	14484	12	5	2	2	–	–	–	–	–	–	–	–	2	–	–
Cripplegate	13639	2	4	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	1	13	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Bride *W*	11184	6	4	1	1	–	–	–	–	–	–	–	–	1	–	–
Castle Baynard	4389	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 10th August 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	2	5	2	-	-	-	-	-	-	-	-	-	-	1	-	-
Leonard Shoreditch HL†	16545	9	8	2	3	-	-	-	-	1	-	-	-	-	1	2	-
xton New Town *w*	27832	32	15	8	-	-	-	1	-	1	-	-	-	5	-	-	-
xton Old Town	26944	24	11	7	1	-	-	-	-	-	-	-	-	3	-	-	-
ggerstone West *W*	24153	27	15	11	1	-	-	-	-	-	-	-	-	7	-	-	1
ggerstone East	19257	18	7	3	1	-	-	-	-	2	-	1	-	1	-	-	-
ckney-road	29808	21	20	10	1	-	1	-	-	-	-	-	-	3	3	7	-
een, Bethnal Green *WHL*†	42443	32	39	6	12	-	-	-	-	-	-	-	1	3	3	12	13
urch, Bethnal Green	26574	20	12	6	1	1	-	-	-	1	-	-	-	1	-	3	-
wn, Bethnal Green	21375	9	9	8	1	-	-	-	-	-	-	-	-	6	1	1	-
illery Whitechapel	6651	2	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
talfields	15844	10	9	5	1	-	-	-	-	-	-	-	-	3	-	-	-
le End New Town *W*	15550	16	11	5	3	-	-	-	-	-	-	-	-	2	2	3	3
itechapel North	11434	9	8	2	1	-	-	1	-	-	-	-	-	2	-	-	-
itechapel Church *H*	7323	7	20	2	1	-	-	-	-	-	-	-	-	1	5	5	14
odman's Fields	10381	8	8	6	1	-	-	-	-	-	-	-	-	4	-	-	-
lgate	9149	3	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Mary St. George East	17906	6	7	4	-	-	-	1	-	-	-	-	-	3	-	1	-
Paul St. George East	21356	9	11	5	1	-	-	-	-	-	-	-	-	3	-	2	-
John St. George East *W*	8973	5	9	2	3	-	-	-	-	-	-	-	-	1	2	2	5
adwell	11623	5	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-
tcliff *H*	15930	5	5	3	1	-	-	-	-	-	-	-	-	2	-	1	-
nehouse *W*	30025	22	9	6	-	-	2	-	-	-	-	-	-	5	-	-	-
le End Old Town West	38126	36	25	13	3	-	-	-	-	1	-	-	-	5	-	3	-
le End Old Town East *WwH*	55020	32	25	15	5	-	2	-	-	-	-	-	-	10	2	3	1
w *WwwHL*†	67777	49	50	24	10	1	-	1	-	3	-	1	-	13	1	-	14
plar *WW*	48500	40	33	9	3	1	-	1	-	-	-	-	-	7	7	8	3
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	13	9	5	1	-	-	-	-	-	-	-	-	2	-	-	2
Saviour Southwark *H*	15667	8	9	2	-	-	-	-	-	-	-	-	-	2	-	-	-
nt-road	20430	12	5	2	1	1	-	-	-	-	-	-	-	2	-	-	-
rough-road *WH*	16694	12	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-
ndon-road *L*	18959	11	12	5	2	-	-	-	-	-	-	-	1	5	-	-	-
inity Newington	23673	17	15	7	-	-	-	-	-	-	-	-	-	6	-	1	-
Peter Walworth *W*	48232	31	22	13	1	-	-	-	-	1	-	-	-	10	-	-	1
Mary Newington	16786	20	8	3	1	-	-	-	-	-	-	-	-	1	-	-	-
Olave Southwark *H*	4157	2	6	-	1	-	-	-	-	-	-	-	-	-	1	1	6
John Horsleydown *W*	10595	6	5	-	1	-	-	-	-	-	-	-	-	1	-	-	-
ather Market	16785	19	7	3	1	-	-	-	-	-	-	-	-	3	1	1	-
Mary Magdalen *W*	15707	8	12	5	5	-	-	-	-	-	-	-	-	4	-	-	4
James Bermondsey	47921	54	19	12	-	1	-	-	-	3	-	-	-	6	-	-	-
therhithe *W*	25873	14	16	7	2	-	-	1	1	1	-	-	-	6	1	1	1
aterloo-road 1st *H*	14086	9	5	4	-	-	-	-	-	-	-	-	-	1	-	-	-
aterloo-road 2nd *H*	18453	21	13	6	1	1	-	1	-	-	-	-	-	2	-	-	-
mbeth Church 1st *H*	19470	12	16	8	2	-	-	1	-	-	-	-	-	4	-	1	4
mbeth Church 2nd *W*	35831	32	25	13	3	-	-	-	-	-	-	1	-	5	-	-	7
nnington 1st *W*	41284	37	21	11	3	-	-	-	-	1	-	-	-	6	-	-	-
nnington 2nd	31213	29	11	5	1	-	-	-	1	1	-	-	-	2	-	-	-
ixton *HL*	35431	28	18	7	4	2	-	-	-	-	-	-	-	5	-	-	2
rwood *W*	12584	12	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-
apham *HL*	27348	18	11	4	2	-	-	-	-	1	-	1	-	7	1	-	-
ttersea *W*	53988	33	40	19	2	-	4	1	-	1	1	1	-	8	2	2	4
ndsworth *HL*	10797	9	7	5	-	-	1	-	-	1	-	-	-	2	-	-	-
tney	1438	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14479	10	6	3	1	-	-	-	1	-	-	1	-	1	-	-	-
ulwich	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell *WL*†*L*†	31251	21	14	7	3	-	-	-	-	-	1	-	-	2	1	2	1
ckham *W*	42159	27	27	17	3	-	1	-	-	1	-	-	-	8	3	3	1
George Camberwell	33851	39	17	10	1	-	-	-	-	1	-	-	-	7	-	-	-
Paul Deptford	53696	42	37	18	7	-	-	-	-	1	-	1	-	11	1	3	-
Nicholas Deptford	6187	-	4	3	-	-	-	-	-	-	-	-	-	3	-	-	-
eenwich West	21098	8	11	7	1	-	-	-	-	-	-	-	-	3	-	-	-
eenwich East *WH*	19320	7	13	7	3	-	-	-	-	-	-	-	-	5	-	-	5
tham	4528	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	9	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-
wisham Village *W*	11508	10	11	3	6	-	-	-	-	-	-	-	-	4	-	-	3
denham	19016	10	5	-	3	-	-	1	-	-	-	-	-	-	-	-	-
arlton *H*	9503	8	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-
oolwich Dockyard	17229	17	3	2	-	-	-	-	-	-	-	-	1	1	-	-	-
oolwich Arsenal *H*	18319	9	5	2	-	-	-	-	-	-	-	-	-	1	-	-	-
umstead West	13028	8	7	2	1	-	-	-	-	-	-	-	-	2	-	-	-
umstead East *W*	15290	9	14	4	1	-	-	1	-	1	-	-	-	4	-	-	-

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Do. do. - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10th AUGUST, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Oster's. General Direction. A.M.	WIND. As deduced from Anemometers. Oster's. General Direction. P.M.	WIND. As deduced from Anemometers. Oster's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Oster's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Oster's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	4	New	29·701	62·4	53·8	8·6	54·6	53·0	73·6	51·7	69·1	66·8	1·6	8·9	0·0	— 7·7	94	N.	SSE. & S.	0·1	0·0	0·0	88	0·16	..
MONDAY	5	..	29·401	64·1	54·2	9·9	58·9	57·3	101·5	50·3	68·3	66·0	1·6	4·8	0·0	— 3·3	94	ESE & SE.	SE. SW. & W.	8·0	0·0	0·2	244	0·28	..
TUESDAY	6	..	29·572	73·6	53·7	19·9	61·8	54·3	139·0	47·1	67·6	65·6	7·5	16·2	1·1	— 0·3	76	W.	SW.& SSW.	3·3	0·0	0·5	296	0·00	..
WEDNESDAY	7	..	29·327	77·9	51·9	26·0	60·0	56·7	131·1	50·0	67·3	64·3	3·3	21·9	0·0	— 2·0	89	SSE.	Variable	1·1	0·0	0·0	111	0·69	..
THURSDAY	8	..	29·602	69·9	51·9	18·0	58·2	55·0	115·7	45·2	66·8	65·0	3·2	12·1	0·0	— 3·8	89	N.	N. & NW.	2·4	0·0	0·2	210	0·23	..
FRIDAY	9	In Equator	29·825	72·6	48·6	24·0	59·2	54·1	125·3	40·2	67·4	64·3	5·1	13·4	1·1	— 2·9	83	SW. & SSE.	SSW. & SSE.	1·6	0·0	0·1	179	0·00	..
SATURDAY	10	..	29·502	71·8	55·5	16·3	61·4	54·0	123·0	51·0	66·6	64·3	7·4	16·0	3·2	— 0·7	77	SSW. & SW.	SW.	5·0	0·0	0·8	417	0·02	..
MEANS		..	29·561	70·3	52·8	17·5	59·2	54·9	115·6	47·9	67·6	65·2	4·2	13·3	0·8	— 3·0	86	Variable.		..	..	..	Sum 1545	Sum 1·38	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
AUGUST.			
SUNDAY	4	Moderate positive at night.	Rain fell in early morning, and again thinly at times. A dense yellow gloom prevalent in the morning; foggy and cloudy generally. Somewhat finer in the afternoon.
MONDAY	5	No electricity shown.	Frequent rain. Overcast generally.
TUESDAY	6	Strong positive at night.	Fine and bright in early morning. Cloudy after mid-day; rain fell at night, though very thinly.
WEDNESDAY	7	Very strong positive and negative, with sparks and galvanic currents during thunderstorms.	The clouds very variable till night. Severe thunderstorms, with frequent and vivid lightning and heavy rain at times in the afternoon. Fine, and nearly cloudless at night.
THURSDAY	8		Aurora Borealis seen in early morning. Very fine generally. Thunderstorms in afternoon with occasional heavy rain. Fine and cloudless, but hazy after 9h. P.M.
FRIDAY	9	Positive, with weak tension in morning.	A fine day throughout. The amount of cloud variable.
SATURDAY	10	No electricity shown.	The weather was fine throughout, though large amounts of cloud were prevalent. Wind brisk. Occasional showers of rain.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·71 in. at the beginning of the week to 29·32 in. by 9h. P.M. on the 5th; increased to 29·88 in. by 9h. A.M. on the 6th; decreased to 29·30 in. by 3h. P.M. on the 7th; increased to 29·87 in. by 9h. A.M. on the 9th; and was 29·48 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
19th August 1872.

United Kingdom.

During the week ending Saturday last, 5362 *births* and 3475 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 21 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 21.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 23 per 1000; Portsmouth 28, Norwich 16, Bristol 22, Wolverhampton 14, Birmingham 27, Leicester 39, Nottingham 24, Liverpool 31, Manchester 27, Salford 27, Oldham 32, Bradford 25, Leeds 26, Sheffield 24, Hull 32, Sunderland 23, and Newcastle-upon-Tyne 22. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 83 and 52, further declined last week to 41; the fatality was again proportionally largest in Portsmouth and Leicester. The deaths referred to diarrhœa in the eighteen towns further declined from 966 and 946 in the two previous weeks to 670 last week, and were equal to an average annual death-rate of 5 per 1000; this rate ranged from 2 and 3 per 1000 respectively in Sunderland and Bristol, to 9 in Liverpool, 10 in Hull, and 16 in Leicester. Scarlet fever again showed a fatal prevalence in Oldham.

London.

In London 2408 births and 1445 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 247, while the deaths were 147 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 27 and 25 per 1000, further declined last week to 23. The rate, after distribution of the deaths in institutions in proportion to population, was 20 per 1000 in the West, 22 in the North, 22 in the Central, 24 in the East, and 24 in the South groups of Districts.

The 1445 deaths included 16 from small-pox, 26 from measles, 15 from scarlet fever, 4 from diphtheria, 36 from whooping-cough, 27 from different forms of fever (of which 5 were certified as typhus, 16 as enteric or typhoid, and 6 as simple continued fever), and 270 from diarrhœa; thus to the seven principal diseases of the zymotic class 394 deaths were referred, against 620 and 557 in the two preceding weeks. The fatal cases of both whooping-cough and diarrhœa showed a slight excess upon the corrected average weekly numbers in the corresponding week of the last ten years, while the deaths referred to each of the other principal zymotic diseases were considerably below the average.

The deaths from small-pox, which had been 33, 28, and 15 in the three previous weeks, were 16 last week, of which 6 occurred in the special small-pox hospitals; of the others, 2 were returned in Bow, and one in Poplar.

The mean temperature of the air at the Royal Observatory, Greenwich, was considerably below the average, for the corresponding period in 50 years, during the 17 days ending Thursday last; the mean was equal to 59°·2, and showed an average daily deficiency of 2°·9. The temperature rose considerably on Friday and Saturday, and on the latter day the mean was 66°·5 or 5°·4 above the average.

Under the influence of the continued low temperature the fatality from diarrhœa showed a considerable further decrease last week; the deaths referred to this cause, which had been 484 and 441 in the two previous weeks, further declined

to 270 last week, which, however, exceeded the corrected average by 23. These 270 fatal diarrhœa cases included 249 of children under 5 years of age, of whom 211 were infants under one year of age.

To simple cholera, or choleraic diarrhœa 11 deaths were referred last week, against 33 and 24 in the two preceding weeks; of these, 7 were infantile cases. The details of the 4 adult cases were as follow:—A piano-forte maker, aged 72 years, in Mornington Crescent, Regent's Park, "choleraic diarrhœa, 8 days;" the wife of a toy-maker, aged 31 years, in Carter-street, Bethnal-green, "parturition, choleraic diarrhœa;" the widow of a basket-maker, aged 70 years, in the Drapers' Almshouses, "choleraic diarrhœa, 38 hours;" and the wife of a stone-mason, aged 45 years, in Lambeth-square, "diarrhœa cholerica, 48 hours, coma, 36 hours."

To different forms of violence 59 deaths were referred; 48 were the result of negligence or accident, including 21 from fractures and contusions, 4 from burns and scalds, 12 from drowning, and 7 from suffocation. Eight cases of suicide, and one each of infanticide and manslaughter, were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 58 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 18th instant; of these, 54 occurred in the Metropolitan, and 4 in the City Police Districts.

Indian Cities.

In Madras the 235 deaths recorded in the week ending June 28th showed an annual death-rate equal to 31 per 1000. The usual returns from Bombay and Calcutta have not yet come to hand.

Foreign Cities.

In Paris 725 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 93 deaths occurred in the week ending the 10th instant, and the annual death-rate was 26 per 1000. In Berlin during the week ending last Thursday, 577 deaths were recorded, showing an annual rate of 36 per 1000; 166 deaths were referred to infantile diarrhœa, and 26 to enteric fever. In Vienna the 424 deaths in the week ending 10th instant gave an annual rate of 36 per 1000; 85 deaths were referred to small-pox, against 54 and 63 in the two preceding weeks. In Rome 192 deaths were registered in the week ending the 4th instant, and the annual death-rate was 41 per 1000; 32 fatal cases of different forms of fever were recorded.

Dr. Zuelzer of Berlin reports that according to the last return issued by the Medical Department at St. Petersburgh, the prevalence of cholera in Russia has generally declined, and especially so in St. Petersburgh and Moscow.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·96 in.; the highest reading was 30·10 in. on Wednesday morning, and the lowest 29·48 in. at the beginning of the week. The mean temperature of the *air* was 60°·6, or 1°·0 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each of the first five days of the week, while an excess prevailed on both Friday and Saturday; on Tuesday the mean was only 57°·2 and 4°·7 below the average, but on Saturday it had risen to 66°·5, or in excess by 5°·4. The highest day temperature in the shade was 81°·7 on Saturday, and the lowest night temperature 45°·8 on Tuesday; the entire range in the week was, therefore, 35°·9. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 145°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 9°·5. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 63°·9. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on Sunday the 11th inst., but only to the amount of ·01 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 57°·4 in Norwich, to 59°·7 in Manchester; the lowest recorded night temperature was 44°·4 in Portsmouth, and the highest day temperature in the shade 82°·8 in Manchester. Rain was measured in each of these towns; the amounts varied from ·01 of an inch in Portsmouth, to ·95 in Leeds.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 236,625 cubic metres, and at Barking 244,345 cubic metres, equivalent to about as many tons by weight.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-THIRD Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1648	1909	1951	1973	1871	1997	2054	2134	2112	1992	1964·1	2403
Males . .	826	979	1048	954	944	1017	1037	1065	1136	993	999·9	1196
Females .	822	930	903	1019	927	980	1017	1069	976	999	964·2	1212
TOTAL **Deaths**	1228	1320	1451	1182	1799	1391	1462	1527	1398	1715	1447·3	1445
Males . .	625	704	724	612	946	698	741	764	737	895	744·6	779
Females .	603	616	727	570	853	693	721	763	661	820	702 7	666

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.
TOTAL **Deaths** - - -	1205	1336	1289	1207	1230	1070	1193	1285	1467	1643	1695	1598	1445
Deaths under 5 years of age -	495	527	536	449	470	416	518	628	765	950	997	940	725
Deaths 5—20 - - -	91	83	90	97	85	88	89	76	91	82	86	72	81
Deaths 20—40 - - -	188	198	200	211	198	163	197	172	188	175	185	168	175
Deaths 40—60 - - -	204	241	220	217	217	206	178	204	200	201	215	197	212
Deaths 60—80 - - -	190	234	201	189	215	167	173	163	187	192	172	186	209
Deaths at 80 years & upwards	37	53	42	44	45	30	38	42	36	43	40	35	43
Deaths from Smallpox - -	54	37	27	37	26	43	35	26	29	33	28	15	16
„ „ Measles - -	41	59	39	33	41	33	42	28	12	25	20	18	26
„ „ Scarlet Fever -	20	18	18	12	9	11	17	12	3	7	6	12	15
„ „ Diphtheria -	5	10	4	3	6	—	3	3	5	5	5	6	4
„ „ Whooping-cough	74	72	63	41	53	44	46	58	60	50	49	37	36
„ „ Typhus fever -	1	3	8	1	2	2	3	4	4	3	4	3	5
„ „ Enteric (or Typhoid) fever -	8	13	18	12	11	14	10	11	9	14	17	12	16
„ „ Simple Cont^{d} fever	7	12	7	9	10	4	6	5	10	4	7	7	6
„ „ Diarrhœa - -	9	15	24	16	25	37	61	148	258	394	484	441	270
„ „ Simple Cholera -	—	—	2	—	1	2	4	12	17	19	33	24	11
„ „ Phthisis - -	150	186	172	181	160	159	166	166	148	159	150	153	156
„ „ Bronchitis - -	114	130	116	100	108	60	72	67	66	65	56	51	68
„ „ Pneumonia -	59	72	76	53	52	41	36	50	53	40	37	44	41
„ „ Heart Disease -	78	61	68	64	70	62	68	57	66	64	72	61	63
Mean Temperature of the Air	49°8	57°7	52°6	57°9	66°5	60°3	64°5	63°1	61°4	71°1	61°7	59°2	60°6
Mean Temperature of the Water of the Thames -	52·9	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4	63·9
Humidity of the Air - -	72	74	83	80	69	72	66	78	83	81	82	86	72
Rain-fall in inches - -	0·05	0·15	0·77	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0 01

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Bulson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F,M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 17th day of August 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 17th August 1872.	DEATHS registered during the Week ending 17th August 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5362	3475	82·8	39·5	58·4	14·66	0·46	1
LONDON	78,080	3,311,298	42·4	2408	1445	81·7	45·8	60·6	15·89	0·01	
PORTSMOUTH	9,513	115,455	12·1	90	61	76·8	44·4	58·4	14·66	0·01	
NORWICH	7,472	81,105	10·9	48	25	75·5	46·0	57·4	14·11	0·18	
BRISTOL	4,688	186,428	39·8	149	78	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,263	20·5	50	19	80·2	46·1	58·1	14·50	0·11	
BIRMINGHAM	7,831	350,164	44·7	281	181	80·0	49·3	58·8	14·89	0·12	
LEICESTER	3,200	99,143	31·0	73	75	—	—	—	—	—	
NOTTINGHAM	1,996	88,225	44·2	46	41	70·8	47·5	57·9	14·39	0·24	
LIVERPOOL	5,108	499,897	97·9	339	299	78·5	52·5	58·7	14·83	0·30	
MANCHESTER	4,486	352,759	78·6	265	185	82·8	53·0	59·7	15·39	0·47	
SALFORD	5,172	127,923	24·7	114	65	80·8	50·0	57·9	14·39	0·50	
OLDHAM	4,167	84,004	20·2	73	51	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	119	72	70·6	52·6	58·9	14·94	0·68	
LEEDS	21,572	266,564	12·4	182	135	69·0	49·0	57·5	14·16	0·95	
SHEFFIELD	22,830	247,847	10·9	187	115	79·0	51·5	58·7	14·83	0·26	
HULL	3,562	124,976	35·1	88	77	—	—	—	—	—	
SUNDERLAND	3,306	100,665	30·4	109	45	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	88	55	—	—	—	—	—	
EDINBURGH	4,427	205,146	46·3	119	81	65·0	52·7	58·5	14·72	1·55	
GLASGOW	5,063	489,136	94·8	368	247	66·5	41·8	56·7	13·72	0·93	
DUBLIN	9,745	310,565	31·9	166	123	71·4	39·5	58·5	14·72	0·61	

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 17th day of August 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	25	3024	1217	440	41	41	61	7	67	48	670	105	178
LONDON	23	1445	525	252	16	26	15	4	36	27	270	59	101
PORTSMOUTH	28	61	29	5	6	2	–	–	–	1	9	3	4
NORWICH	16	25	17	5	–	–	–	–	–	–	9	1	1
BRISTOL	22	78	24	12	4	–	–	–	3	1	10	3	5
WOLVERHAMPTON	14	19	6	3	–	1	1	–	–	–	4	–	1
BIRMINGHAM	27	181	91	22	2	1	10	–	2	1	59	7	12
LEICESTER	39	75	43	4	3	1	–	1	–	–	30	–	1
NOTTINGHAM	24	41	25	5	–	–	–	–	2	2	9	–	–
LIVERPOOL	31	299	139	37	–	1	4	2	10	1	87	13	18
MANCHESTER	27	185	62	24	3	–	8	–	5	–	52	6	16
SALFORD	27	65	31	7	–	–	–	–	2	1	14	4	8
OLDHAM	32	51	7	7	–	–	14	–	–	1	5	–	–
BRADFORD	25	72	28	8	1	7	3	–	1	3	10	–	–
LEEDS	26	135	57	18	1	1	4	–	3	2	33	1	1
SHEFFIELD	24	115	54	9	4	1	2	–	1	4	34	1	2
HULL	32	77	33	7	1	–	–	–	2	1	23	2	2
SUNDERLAND	23	45	22	8	–	–	–	–	–	2	3	–	–
NEWCASTLE-ON-TYNE	22	55	24	7	–	–	–	–	–	1	9	5	6
DUBLIN	21	123	20	26	10	7	1	–	1	5	2	8	9

Table 5. Deaths in London Registered in the Thirty-third Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-third Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 17, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	61·9	60·6						
ALL CAUSES – –	1447·3	1445	725	81	175	212	209	43
SPECIFIED CAUSES	1433·3	1441	723	81	175	212	207	43
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	23·0	16	4	5	5	2	–	–
Measles – – – –	26·4	26	24	2	–	–	–	–
Scarlet Fever (Scarlatina)	64·8	15	11	4	–	–	–	–
Diphtheria – – –	8·1	4	3	1	–	–	–	–
Quinsy – – – –	·7	–	–	–	–	–	–	–
Croup – – – –	12·6	15	14	1	–	–	–	–
Whooping-cough – –	30·1	36	36	–	–	–	–	–
Typhus – – –	47·7	5	–	1	3	1	–	–
Enteric or Typhoid Fever		16	2	8	4	–	2	–
Simple continued Fever –		6	3	1	–	1	1	–
Erysipelas – – –	6·7	7	3	–	–	–	3	1
Puerperal Fever (Metria)	3·3	2	–	–	2	–	–	–
Carbuncle – – –	·8	1	–	–	–	1	–	–
Influenza – – –	·3	–	–	–	–	–	–	–
Dysentery – – –	2·0	1	–	–	–	1	–	–
Diarrhœa – – –	224·5	270	249	–	2	5	11	3
Simple Cholera – –	61·6	11	7	–	1	1	2	–
Ague – – – –	·1	–	–	–	–	–	–	–
Remittent Fever – –	·8	–	–	–	–	–	–	–
Rheumatism – – –	6·8	9	–	1	4	1	3	–
Other *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	7·2	8	8	–	–	–	–	–
Stricture of Urethra –	1·1	–	–	–	–	–	–	–
Hydrophobia – – –	·1	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – –	·6	–	–	–	–	–	–	–
Want of Breast-milk –	12·9	13	13	–	–	–	–	–
Purpura and Scurvy –	·9	–	–	–	–	–	–	–
Alcoholism *a* Del. Tremens –	2·8	1	–	–	1	–	–	–
Alcoholism *b* Intemperance –	1·1	2	–	–	1	1	–	–
Order 4.								
Thrush – – – –	6·2	6	6	–	–	–	–	–
Worms, &c. – – –	—	1	–	–	–	1	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	2·2	–	–	–	–	–	–	–
Dropsy – – – –	12·2	6	1	–	–	3	2	–
Cancer – – –	28·5	30	–	–	2	16	11	1
Cancrum Oris (Noma) –	·2	–	–	–	–	–	–	–
Mortification – – –	3·2	1	–	–	–	–	1	–
Order 2.								
Scrofula – – – –	8·7	7	6	1	–	–	–	–
Tabes Mesenterica – –	34·6	28	27	1	–	–	–	–
Phthisis – – – –	151·0	156	10	18	71	49	8	–
Hydrocephalus – –	26·2	25	21	3	1	–	–	–
II. LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	16·1	19	7	6	1	5	–	–
Apoplexy – – –	30·3	37	8	–	2	9	16	2
Paralysis – – –	23·7	24	–	1	4	5	15	1
Insanity – – – –	2·1	4	–	–	1	1	2	–
Chorea – – – –	·1	1	–	–	1	–	–	–
Epilepsy – – – –	6·0	4	–	–	3	–	1	–
Convulsions – – –	41·8	47	47	–	–	–	–	–
Brain Disease, &c. – –	16·4	11	1	–	1	4	5	–
Order 2.								
Pericarditis – – –	1·8	2	–	–	1	–	1	–
Aneurism – – –	1·8	2	–	–	1	1	–	–
Heart Disease, &c. – –	50·3	63	–	3	16	17	23	4
Order 3.								
Laryngitis – – –	3·6	1	–	–	1	–	–	–
Bronchitis – – –	47·0	68	29	–	1	14	16	8
Pleurisy – – – –	1·7	2	–	–	1	1	–	–
Pneumonia – – –	41·0	41	17	3	7	8	6	–
Asthma – – – –	3·4	6	–	–	2	2	2	–
Lung Disease, &c. – –	9·7	19	9	–	–	7	3	–
Order 4.								
Gastritis – – – –	2·7	1	1	–	–	–	–	–
Enteritis – – – –	7·8	7	4	–	1	2	–	–
Peritonitis – – –	6·3	9	–	–	2	4	3	–
Ascites – – – –	2·1	3	–	–	–	2	1	–
Ulceration of Intestines –	2·4	3	–	1	1	1	–	–
Hernia – – – –	3·4	6	1	–	–	2	3	–
Ileus – – – –	2·9	2	–	–	–	1	1	–
Intussusception – –	1·3	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Thirty-third Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 17, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	61·9	60·6						
9. Stricture of Intestines –	1·1	4	–	–	–	2	2	–
10. Fistula – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	7·7	8	1	–	2	3	2	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – – –	3·6	1	–	–	–	–	1	–
14. Jaundice – – – –	4·6	4	1	–	–	–	3	–
15. *Liver Disease, &c.* – –	19·8	26	1	–	4	10	11	–
16. *Spleen Disease, &c.* – –	—	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	·9	3	1	–	2	–	–	–
2. Ischuria – – – –	·3	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	8·0	15	–	–	4	7	4	–
4. Diabetes – – – –	1·4	1	–	–	–	1	–	–
5. Calculus (Stone) – –	1·2	1	–	–	–	1	–	–
6. Cystitis – – – –	·7	1	–	–	1	–	–	–
7. *Kidney Disease, &c.* – –	7·7	7	–	–	1	3	2	1
Order 6.								
1. Ovarian Dropsy – –	·8	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	3·8	3	–	–	1	–	2	–
Order 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·2	8	–	4	2	2	–	–
Order 8.								
1. Phlegmon – – –	2·0	1	–	–	1	–	–	–
2. Ulcer – – – –	·7	–	–	–	–	–	–	–
3. *Skin Disease, &c.* – –	1·0	4	2	–	–	2	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	18·8	21	21	–	–	–	–	–
2. Cyanosis – – –	2·2	3	3	–	–	–	–	–
3. Spina Bifida – – –	1·2	1	1	–	–	–	–	–
4. Other Malformations –	1·7	1	1	–	–	–	–	–
5. Teething – – – –	13·0	9	9	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·3	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	4·5	5	–	–	5	–	–	–
Order 3.								
1. Old Age – – – –	42·9	45	–	–	–	–	23	22
Order 4.								
1. Atrophy and Debility –	84·2	102	92	2	1	1	6	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	16·6	21	4	5	2	6	4	–
2. Wounds { Gunshot – Cut, Stab –	·1	–	–	–	–	–	–	–
3. Burns and Scalds –	3·9	4	3	–	–	1	–	–
4. Poison – – – –	1·6	1	–	–	–	–	1	–
5. Drowning – – –	9·0	12	1	8	1	1	–	–
6. Suffocation – – –	5·5	7	6	–	–	–	1	–
7. Otherwise – – –	2·5	3	3	–	–	–	–	–
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·2	2	1	–	–	1	–	–
Order 4.								
(Suicide.)								
1. Wounds { Gunshot – Cut, Stab –	·1	–	–	–	–	–	–	–
2. Poison – – – –	1·4	1	–	–	–	–	1	–
3 Drowning – – –	·8	2	–	–	1	1	–	–
4. Hanging – – –	·9	1	–	–	–	1	–	–
5. Otherwise – – –	1·9	1	–	–	1	–	–	–
Order 5.	·4	3	–	–	2	–	1	–
(Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	1	–	1	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	1·4	–	–	–	–	–	–	–
Causes not specified or illdefined – – – –	12·6	4	2	–	–	–	2	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	
LONDON	3,251,804	2408	1445	525	252	16	26	15	4	36	5	16	6	270	59	101	
WEST DISTRICTS	561,189	387	227	75	47	–	4	–	–	4	–	3	1	43	10	22	
NORTH DISTRICTS	751,668	586	316	112	63	5	7	4	1	10	2	3	1	64	14	23	
CENTRAL DISTRICTS	333,887	197	150	53	22	–	4	1	–	1	–	4	2	23	8	18	
EAST DISTRICTS	638,928	513	307	160	50	5	7	6	–	8	2	2	1	49	15	21	
SOUTH DISTRICTS	966,132	725	445	185	70	6	4	4	3	13	1	4	1	91	12	17	
WEST DISTRICTS.																	
St. Mary Paddington *W*H	58702	38	30	13	4	–	3	–	–	1	–	–	–	4	1	2	
St. John Paddington H	38082	15	9	1	2	–	–	–	–	–	–	–	–	1	2	3	
Kensington Town *W*L	91583	92	44	17	12	–	1	–	–	–	–	1	–	9	1	2	
Brompton H	28651	18	11	4	3	–	–	–	–	–	–	–	–	5	–	–	
St. Peter Hammersmith	6562	2	3	1	1	–	–	–	–	–	–	–	–	1	–	1	
St. Paul Hammersmith H	36030	41	7	2	–	–	–	–	–	1	–	–	–	2	–	1	
Fulham *W*LLLL	23378	20	6	2	–	–	–	–	–	–	–	–	–	2	–	–	
Chelsea South HH	26419	12	9	2	2	–	–	–	–	–	–	1	–	2	1	2	
Chelsea North-west H*Ww*	23278	17	13	4	7	–	–	–	–	1	–	1	–	1	–	1	
Chelsea North-east L	21389	12	5	3	1	–	–	–	–	–	–	–	–	1	–	–	
Hanover Square	18700	4	4	2	–	–	–	–	–	–	–	–	–	1	–	–	
May Fair *W*	13020	10	2	–	1	–	–	–	–	–	–	–	–	–	–	1	
Belgrave HH	58043	29	25	7	3	–	–	–	–	–	–	–	–	3	3	3	
St. John Westminster HHH	38470	32	15	9	1	–	–	–	–	–	–	–	1	6	1	2	
St. Margaret Westminster *W*WHH	27640	15	27	5	7	–	–	–	–	1	–	–	–	4	1	3	
St. James's Square	10453	3	4	1	1	–	–	–	–	–	–	–	–	–	–	1	
Golden Square *W*	12855	8	4	1	1	–	–	–	–	–	–	–	–	1	–	–	
Berwick-street	10279	3	4	–	–	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	16	5	1	1	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	20	10	6	1	–	–	–	–	–	–	–	–	3	–	–	
Cavendish Square	15419	4	3	2	–	–	–	–	–	–	–	–	–	1	–	–	
Rectory Marylebone *W*H	26587	22	13	5	4	–	–	–	–	–	1	–	–	3	–	1	
St. Mary Marylebone H	21795	13	10	5	1	–	–	–	–	–	–	–	–	1	–	1	
Christchurch Marylebone	33892	27	14	5	5	–	–	–	–	–	–	–	–	2	–	–	
St. John Marylebone	33110	21	7	1	2	–	–	1	–	–	–	1	–	1	–	1	
Hampstead *W*HH	32271	15	12	4	3	–	–	–	–	1	–	–	–	4	–	–	
Regent's Park Pancras	38192	36	13	4	1	–	1	–	–	1	–	–	–	3	–	1	
Tottenham-court *w*H	29360	21	21	5	3	–	–	–	–	–	1	–	–	3	2	5	
Gray's Inn Lane H	29216	12	16	6	4	–	2	–	–	–	–	–	–	1	2	3	
Somers Town	38562	24	18	8	1	–	2	–	–	–	–	–	–	5	1	1	
Camden Town *W*	18066	16	11	3	4	–	–	–	–	1	–	–	–	2	2	2	
Kentish Town *W*	68198	51	29	15	4	–	1	2	–	1	–	–	–	7	–	1	
Islington West HHH	97801	84	24	11	5	2	–	–	–	2	–	–	–	7	–	–	
Islington East *Ww*H	115948	129	48	16	12	–	–	–	1	3	–	–	–	10	1	–	
Stoke Newington L	9810	10	6	4	–	–	–	–	–	–	–	1	–	2	2	2	
Stamford Hill	6599	5	2	–	–	–	–	–	–	–	–	–	–	–	–	1	
West Hackney	28076	19	8	1	4	–	–	–	–	1	–	–	–	1	–	–	
Hackney *Ww*HHL	50087	35	30	8	6	3	1	1	–	–	–	–	1	4	3	3	
South Hackney L	30305	22	16	3	3	–	–	–	–	–	–	1	–	4	1	1	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	13	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Giles South *W*H	19089	9	11	6	3	–	–	–	–	–	–	–	–	–	–	–	
St. Giles North	16497	9	8	4	–	–	–	–	–	–	–	–	–	2	1	1	
Long Acre	11326	9	10	2	1	–	1	–	–	–	–	1	–	1	–	–	
Charing Cross H	9831	4	4	–	–	–	–	–	–	–	–	–	–	–	1	3	
St. Mary-le-Strand	9376	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	5	12	2	–	–	–	–	–	–	–	1	1	–	3	6	
St. George-the-Martyr HHH	20521	6	8	4	2	–	1	–	–	–	–	–	–	–	–	–	
St. Andrew Eastern *W*	13528	4	12	2	2	–	–	–	–	–	–	–	–	3	–	–	
Saffron Hill	9051	4	5	3	1	–	–	–	–	–	–	1	–	2	–	–	
St. James Clerkenwell *W*	18912	18	11	3	1	–	–	–	–	–	–	1	1	1	–	–	
Amwell Clerkenwell	16878	9	5	3	1	–	–	–	–	–	–	–	–	2	–	–	
Pentonville	13293	10	4	1	1	–	–	–	–	–	–	–	–	1	–	1	
Goswell-street	16220	15	4	4	–	–	–	–	–	–	–	–	–	2	–	1	
Old-street H	12156	10	3	1	–	–	–	–	–	–	–	–	–	–	–	1	
City-road *W*HHL	18291	23	11	7	1	–	1	–	–	–	–	–	–	2	–	2	
Whitecross-street	13790	6	5	3	2	–	–	–	–	–	–	–	–	1	–	1	
Finsbury	10732	7	1	–	–	–	–	–	–	–	–	–	–	1	–	–	
St. Botolph East London HH	14484	7	5	2	1	–	–	–	–	1	–	–	–	1	1	–	
Cripplegate	13639	6	6	1	1	–	1	1	–	–	–	–	–	1	–	–	
St. Sepulchre H	7562	–	11	–	2	–	–	–	–	–	–	–	–	–	2	2	
St. Bride *W*	11184	7	2	–	–	–	–	–	–	–	–	–	–	1	–	–	
Castle Baynard	4389	3	3	–	2	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	–	4	2	1	–	–	–	–	–	–	–	–	1	–	–	
Queenhithe	4744	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	–	1	1	–	–	–	–	–	–	–	–	–	1	–	–	
Broad Street	7838	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
rday, 17th August 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	9	5	3	-	-	-	-	-	-	-	-	-	2	-	-	-
eonard Shoreditch HL†	16545	16	11	4	3	-	-	-	-	-	-	-	1	1	-	-	2
on New Town *w*	27832	25	18	8	4	-	1	-	-	-	-	-	-	4	-	-	4
on Old Town	26944	19	11	3	5	-	-	-	-	1	-	-	-	2	-	-	-
erstone West *W*	24153	19	20	5	8	-	-	1	-	-	-	1	-	4	1	-	6
erstone East	19257	17	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
ney-road	29808	31	18	9	-	1	-	1	-	2	-	-	-	5	-	-	-
n, Bethnal Green *WHL*†	42443	29	17	3	2	-	1	-	-	-	2	-	-	1	-	-	3
ch, Bethnal Green	26574	18	14	1	4	1	-	-	-	-	-	-	-	1	-	-	-
n, Bethnal Green	21375	16	5	1	1	-	-	-	-	1	-	-	-	-	-	-	-
lery Whitechapel	6651	2	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
lfields	15844	11	7	2	-	-	1	-	-	-	-	-	-	1	1	3	-
End New Town *W*	15550	13	7	-	3	-	-	-	-	-	-	-	-	-	2	2	6
echapel North	11434	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
echapel Church H	7323	6	15	2	1	-	-	-	-	1	-	-	-	1	4	4	11
lman's Fields	10381	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ate	9149	7	4	1	-	-	-	-	-	-	-	-	-	1	-	1	-
Mary St. George East	17906	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Paul St. George East	21356	10	11	4	-	-	1	-	-	-	-	-	-	1	-	1	-
John St. George East *W*	8973	3	4	-	1	-	-	-	-	-	-	-	-	1	-	-	4
dwell	11623	8	5	1	-	-	-	-	-	-	-	-	-	1	2	2	-
cliff H	15930	16	11	6	1	-	-	-	-	1	-	-	-	3	1	2	1
chouse *W*	30025	26	6	1	1	-	1	-	-	-	-	-	-	1	-	1	-
End Old Town West	38126	29	11	4	1	-	-	-	-	-	-	-	-	3	-	1	-
End Old Town East *WwH*	55020	46	22	11	2	-	1	1	-	-	-	1	-	4	-	-	1
WwwHL†	67777	57	46	13	9	2	-	-	-	1	-	-	-	10	2	2	11
lar *WW*	48500	49	24	8	3	1	1	3	-	1	-	-	-	2	2	2	1
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	13	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Saviour Southwark H	15667	5	7	1	2	-	-	-	-	-	-	-	-	1	1	1	1
t-road	20430	13	7	4	1	-	-	-	-	-	-	-	-	2	1	1	-
ough-road *WH*	16694	10	16	10	2	-	-	-	-	-	-	-	-	2	1	2	1
don-road L	18959	16	6	3	-	-	-	-	-	1	-	-	-	-	1	1	-
ity Newington	23673	19	10	6	1	-	-	-	-	1	-	-	-	1	-	-	-
Peter Walworth *W*	48232	44	39	8	5	1	-	-	-	1	-	-	-	4	-	-	16
Mary Newington	16786	13	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Olave Southwark H	4157	1	2	-	-	-	-	2	-	-	-	-	-	1	-	1	-
John Horsleydown *W*	10595	5	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1
ther Market	16785	13	14	5	1	-	-	-	-	-	-	-	-	3	-	1	-
Mary Magdalen *W*	15707	13	8	4	1	-	-	-	-	1	-	-	-	4	-	-	2
James Bermondsey	47921	30	10	6	1	-	-	-	-	2	-	-	-	2	-	-	-
herhithe *W*	25873	26	11	1	3	-	-	-	-	-	-	-	-	2	3	3	-
terloo-road 1st H	14086	9	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
terloo-road 2nd H	18453	20	11	4	1	-	-	-	-	-	-	-	-	1	-	-	-
nbeth Church 1st H	19470	14	10	1	2	-	-	-	-	-	-	-	-	1	2	2	4
nbeth Church 2nd *W*	35831	29	21	6	6	1	-	-	-	1	-	-	-	2	1	1	4
nnington 1st *W*	41284	20	18	10	4	1	-	-	1	-	-	-	1	2	-	-	-
nnington 2nd	31213	26	15	9	-	-	1	-	-	-	1	-	-	4	-	-	-
xton HL	35431	19	18	9	4	2	-	-	-	1	-	1	-	4	-	-	3
rwood *W*	12534	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
pham HL	27348	15	10	4	3	-	-	-	-	1	-	-	-	2	-	-	1
ttersea *W*	53988	58	30	17	4	-	-	-	1	-	-	-	-	9	-	-	2
ndsworth HL	19797	10	12	4	3	-	-	-	-	-	-	1	-	3	-	1	1
ney	9433	3	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-
eatham	14479	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *WL*†*L*†	31251	18	15	5	4	-	-	-	-	1	-	-	-	3	-	-	4
kham *W*	42159	42	24	11	6	-	-	1	-	-	-	-	-	5	2	3	-
George Camberwell	33851	21	17	9	2	-	-	-	-	-	-	-	1	6	-	-	-
Paul Deptford	53696	48	19	11	2	-	1	-	-	-	-	-	-	9	-	-	-
Nicholas Deptford	6487	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
enwich West	21098	16	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-
enwich East *WH*	19320	15	14	6	-	-	-	1	-	1	-	1	-	3	-	-	3
ham	4528	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *W*	16430	16	6	2	1	-	-	-	-	1	-	-	-	1	-	-	-
enham	19016	16	11	6	-	-	-	-	1	1	-	-	-	3	-	-	1
rlton H	9503	2	4	1	2	-	-	-	-	-	-	-	-	4	-	-	-
olwich Dockyard	17229	7	6	3	-	-	1	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H	18319	18	3	-	-	-	-	-	-	-	-	-	-	2	-	-	-
mstead, West	13028	13	8	3	1	-	-	-	-	-	-	-	-	1	-	-	-
mstead, East *W*	15290	20	3	1	1	1	-	-	-	-	-	-	-	2	-	-	-

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Do. do. " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17th AUGUST, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	OZONE.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	11	..	29·663	67·6	55·7	11·9	59·2	49·5	124·2	42·1	66·1	64·2	9·7	13·7	2·8	— 2·9	71	WSW.	WSW.	10·0	0·2	1·7	571	0·01	..
MONDAY . .	12	First Qr.	29·925	70·5	52·2	18·3	59·5	47·4	123·2	46·1	65·4	60·0	12·1	19·3	3·8	— 2·5	64	WSW. & WNW.	W. & NW.	2·8	0·0	0·4	310	0·00	..
TUESDAY .	13	..	30·053	70·6	45·8	24·8	57·2	50·9	111·9	36·2	64·9	62·5	6·3	18·4	2·3	— 4·7	80	WSW. & NW.	NW., NNE., & E.	0·2	0·0	0·0	114	0·00	..
WEDNESDAY	14	..	30·079	72·5	51·3	21·2	60·7	53·0	132·4	43·7	64·8	62·5	7·7	17·5	1·4	— 1·0	76	Calm & NE.	E. & SE.	0·3	0·0	0·1	68	0·00	..
THURSDAY.	15	Greatest Dec. S.	30·047	73·0	47·7	25·3	59·3	51·5	137·8	38·8	64·9	63·0	7·8	17·7	1·0	— 2·2	76	Calm, ENE., & E.	ESE.	1·0	0·0	0·1	101	0·00	..
FRIDAY . .	16	..	29·975	73·7	51·7	22·0	62·1	52·0	121·8	44·0	65·6	62·4	10·1	18·9	1·4	+ 0·8	70	Calm & SE.	SSE. & SE.	0·6	0·0	0·0	107	0·00	..
SATURDAY.	17	Perigee	29·953	81·7	52·4	29·3	66·5	53·7	145·8	44·0	65·0	62·6	12·8	23·5	1·6	+ 5·4	64	Calm & SSE.	SSE. & ESE.	1·1	0·0	0·1	132	0·00	..
MEANS . .		..	29·956	72·8	51·0	21·8	60·6	51·1	128·2	42·1	65·2	62·5	9·5	13·4	2·0	— 1·0	72	Variable.		..	..	..	Sum 1403	Sum 0·01	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. AUGUST.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	11	Strong positive was shown in the morning; at other times there was no electricity.	Fine, but generally cloudy. Slight showers of rain fell in the morning and afternoon.
MONDAY .	12	No electricity was shown.	Partially cloudy. A very fine day.
TUESDAY .	13		Cloudless during the morning; clouds were then prevalent till evening, again cloudless at night. Hazy and misty at times. A fine day.
WEDNESDAY	14	Weak positive at night.	A fine day. Partially cloudy. Aurora Borealis at night.
THURSDAY .	15	Positive, with variable tension shown generally.	A fine day. Clouds prevailed till evening; at night almost cloudless.
FRIDAY .	16	Weak positive was shown at night.	A fine day; light clouds generally prevailed.
SATURDAY .	17	Weak positive was shown occasionally; strong at night.	Cloudless throughout. A very fine, and hot day.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·48 in. at the beginning of the week to 30·10 in. by 9h. A.M. on the 14th; decreased to 29·95 in. by 3h. P.M. on the 17th; and was 29·98 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
26th August 1872.

United Kingdom.

During the week ending Saturday last, 5007 *births* and 3417 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 19 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 21 ; 10 deaths were referred to small-pox in Dublin, against 19 and 10 in the two preceding weeks.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000; Portsmouth 32, Norwich 24, Bristol 21, Wolverhampton 21, Birmingham 31, Leicester 32, Nottingham 28, Liverpool 29, Manchester 32, Salford 29, Oldham 39, Bradford 28, Leeds 33, Sheffield 28, Hull 25, Sunderland 24, and Newcastle-upon-Tyne 26. The fatal cases of small-pox in these eighteen towns, which in the three previous weeks had been 83, 52, and 41, rose again last week to 59 ; Portsmouth was the only one of these towns in which the disease was severely epidemic last week, causing there an annual death-rate equal to 9·5 per 1000. The deaths referred to diarrhœa in the eighteen towns, further declined from 966, 946, and 673 in the three previous weeks to 625 last week ; the death-rate from this disease averaged 5 per 1000 in these towns, and ranged from 2 per 1000 in Bristol, to 9 each in Birmingham and Manchester, 10 in Liverpool, and 14 in Leicester. The epidemic of scarlet fever in Oldham showed an increased fatality, and the disease was also prevalent in Birmingham.

London.

In London 2089 births and 1274 deaths were registered last week. After making due allowance for increase of population, the births were 110, and the deaths 247, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been equal to 27, 25, and 23 per 1000, further declined last week to 20. The rate, after distribution of the deaths in institutions in proportion to population, was 20 per 1000 in the West, 20 in the North, 18 in the Central, 21 in the East, and 21 in the South groups of Districts.

The 1274 deaths included 15 from small-pox, 12 from measles, 12 from scarlet fever, 3 from diphtheria, 35 from whooping-cough, 25 from different forms of fever (of which 2 were certified as typhus, 16 as enteric or typhoid, and 7 as simple continued fever), and 197 from diarrhœa ; thus to the seven principal diseases of the zymotic class 299 deaths were referred, against 620, 557, and 394 in the three preceding weeks. The fatal cases of each of these seven diseases were below the corrected average numbers in the corresponding week of the last ten years. Two fatal cases each of scarlet fever were returned in Tottenham Court and St. James, Bermondsey, sub-districts, and 2 of enteric fever in Belgrave.

The deaths from small-pox, which in the two previous weeks had been 15 and 16, were again 15 last week, or 9 below the corrected average number in the corresponding week of the last ten years. Six occurred in the special small-pox hospitals ; 7 were returned as unvaccinated cases, 3 as vaccinated, and 5 were "not stated" as to vaccination.

The mean temperature of the air at the Royal Observatory, Greenwich, was 64°·3 last week, and 3°·6 above the average for the corresponding week in 50 years. An excess prevailed on each day of the week, and amounted to 6°·5 on Wednesday, when the mean was 67°·2 ; on Saturday the mean fell to 60°·8.

The fatality from diarrhœa showed a considerable further decline last week, only 197 deaths being referred to this disease, against 484, 441, and 270 in the three

preceding weeks; these 197 deaths were 30 below the corrected average weekly number, and included 182 of children under five years of age, of whom 146 were infants under one year.

To cholera or choleraic diarrhœa 12 deaths were referred last week, 9 of which were of infants or children. The details of the three adult cases were as follow: A cabinet-maker, aged 63 years, in St. John's Square, Clerkenwell, "choleraic diarrhœa"; a licensed victualler, aged 35 years, at Star Corner, Leather Market, "cholera maligna, 12 hours"; and the wife of a lithographer, aged 76 years, in Kennington Park Road, "English cholera, 24 hours."

To different forms of violence 36 deaths were referred; 35 were the result of negligence or accident, including 14 from fractures and contusions, 2 from burns and scalds, 11 from drowning, one from poison, and 6 from suffocation; the latter number included 4 of infants. A case of infanticide, but not one of suicide, was registered during the week.

Seven of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. It appears from returns furnished by the Commissioners of the Metropolitan and City Police, that 71 cases of injury and maiming from this class of accident came under the notice of the Police within the London Registration area during the seven days ending 25th instant; of these, 62 occurred in the Metropolitan, and 9 in the City Police Districts.

In the large Public Institutions 192 deaths were recorded, or 15 per cent. of the total deaths; of these 87 occurred in Workhouses and 98 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending July 23rd were 334, and the annual death-rate was equal to 27 per 1000. In Madras the 268 deaths in the week ending July 5th showed an annual death-rate equal to 35 per 1000.

Foreign Cities.

In Paris 887 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 25 per 1000 of the estimated population. In Brussels 83 deaths occurred in the week ending the 17th instant, and the annual death-rate was 23 per 1000. In Berlin during the week ending last Thursday, 532 deaths were recorded, showing an annual rate of 34 per 1000; 142 deaths were referred to infantile diarrhœa, and 21 to enteric fever. In Vienna the 369 deaths in the week ending 17th instant gave an annual rate of 31 per 1000. In Rome 189 deaths were registered in the week ending the 11th instant, and the annual death-rate was 40 per 1000; the deaths included 36 fatal cases of fever, against 18 in the corresponding week of last year.

In the City of New York 720 deaths were registered in the week ending August 3rd, and the equivalent annual rate of mortality was 40 per 1000; 251 deaths were referred to diarrhœal diseases.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·94 in.; the highest reading was 30·13 in. on Saturday morning, and the lowest 29·78 in. on Wednesday afternoon. The mean temperature of the *air* was 64°·3, or 3°·6 above the average in the corresponding week of the 50 years 1814-63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was above the average on each day of the week; on Wednesday it was 67°·2, and 6°·5 above the average; while on Saturday it had fallen to 60°·8, and the excess to 0°·3. The highest day temperature in the shade was 78°·2 on Wednesday, and the lowest night temperature 49°·7 on Saturday; the extreme range in the week was, therefore, 28°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 149°·4 on Sunday, 18th instant. The difference between the mean *dew-point* and *air* temperature averaged 9°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 65°·1. The mean degree of *humidity* of the air was 72, complete saturation being represented by 100. The general direction of the *wind* was E., E.N.E., N.N.E., and the horizontal movement of the air averaged 9 miles per hour. No *rain* fell during the week.

The mean temperature of the week in the other large English towns furnishing returns ranged from 62°·0 in Norwich, to 64°·3 in Portsmouth; the lowest recorded night temperature was 47°·0 in Sheffield, and the highest day temperature in the shade 83°·8 in Manchester. Rain was measured in several of these towns; the amounts varied from ·04 of an inch in Norwich to 1·08 inches in Wolverhampton.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 234,204 cubic metres, and at Barking 288,141 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FOURTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1850	1788	1915	1916	2042	2255	2067	2047	2006	2103	1998·9	2039
Males . .	942	912	992	947	1050	1154	1047	1032	1027	1071	1017·4	1052
Females .	908	876	923	969	992	1101	1020	1015	979	1032	981·5	1037
TOTAL **Deaths**	1254	1337	1413	1135	1477	1247	1428	1463	1393	1682	1382·9	1274
Males . .	620	690	706	585	732	636	724	756	726	863	706·8	654
Females .	634	647	707	550	745	581	704	707	667	819	676·1	620

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.
TOTAL **Deaths** - - -	1336	1289	1207	1230	1070	1193	1285	1467	1643	1695	1598	1445	1274
Deaths under 5 years of age -	527	536	449	470	416	518	628	765	950	997	940	725	622
Deaths 5—20 - - -	83	90	97	85	88	89	76	91	82	86	72	81	80
Deaths 20—40 - - -	198	200	211	198	163	197	172	188	175	185	168	175	151
Deaths 40—60 - - -	241	220	217	217	205	178	204	200	201	215	197	212	195
Deaths 60—80 - - -	234	201	189	215	167	173	163	187	192	172	186	209	180
Deaths at 80 years & upwards	53	42	44	45	30	38	42	36	43	40	35	43	46
Deaths from Small-pox - -	37	27	37	26	43	35	26	29	33	28	15	16	15
" " Measles - -	59	39	33	41	33	42	28	12	25	20	18	26	12
" " Scarlet fever -	18	18	12	9	11	17	12	3	7	6	12	15	12
" " Diphtheria -	10	4	3	6	—	3	3	5	5	5	6	4	3
" " Whooping-cough	72	63	41	53	44	46	58	60	50	49	37	36	35
" " Typhus fever -	3	8	1	2	2	3	4	4	3	4	3	5	2
" " Enteric (or Typhoid) fever -	13	18	12	11	14	10	11	9	14	17	12	16	16
" " SimpleContdfever	12	7	9	10	4	6	5	10	4	7	7	6	7
" " Diarrhœa - -	15	24	16	25	37	61	148	258	394	484	441	270	197
" " Simple Cholera -	—	2	—	1	2	4	12	17	19	33	24	11	12
" " Phthisis - -	186	172	181	160	159	166	166	148	159	150	153	156	133
" " Bronchitis - -	130	116	100	108	60	72	67	66	65	56	51	68	63
" " Pneumonia -	72	76	53	52	41	36	50	53	40	37	44	41	44
" " Heart Disease -	61	68	64	70	62	68	57	66	64	72	61	63	70
Mean Temperature of the Air	57°·7	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3
Mean Temperature of the Water of the Thames -	57·5	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4	63·9	65·1
Humidity of the Air - -	74	83	80	69	72	66	78	83	81	82	86	72	72
Rain-fall in inches - -	0·15	0·77	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0·01	0·00

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 24th day of August 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 24th Aug. 1872.	DEATHS registered during the Week ending 24th Aug. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5007	3417	83·8	47·0	62·5	16·94	0·18
LONDON	78,080	3,311,298	42·4	2089	1274	78·2	49·7	64·3	17·94	0·00
PORTSMOUTH	9,513	115,455	12·1	80	70	78·6	52·0	64·3	17·94	0 00
NORWICH	7,472	81,105	10·9	48	38	75·0	51·5	62·0	16·67	0·04
BRISTOL	4,688	186,428	39·8	117	75	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	39	28	81·4	48·8	62·5	16·94	1·08
BIRMINGHAM	7,831	350,164	44·7	261	205	81·6	48·0	62·3	16·83	0·11
LEICESTER	3,200	99,143	31·0	83	60	—	—	—	—	—
NOTTINGHAM	1,996	88,225	44·2	58	47	82·0	47·3	63·1	17·28	0·43
LIVERPOOL	5,108	499,897	97·9	367	278	79·0	53·2	62·6	17·00	0·08
MANCHESTER	4,486	352,759	78·6	279	213	83·8	48·0	63·1	17·28	0·10
SALFORD	5,172	127,923	24·7	103	71	83·5	49·6	62·8	17·11	0·09
OLDHAM	4,167	84,004	20·2	60	62	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	126	82	79·2	51·3	62·8	17·11	0·00
LEEDS	21,572	266,564	12·4	221	168	81·0	48·0	62·8	17·11	0·00
SHEFFIELD	22,830	247,847	10·9	195	135	82·0	47·0	62·3	16·83	0·06
HULL	3,562	124,976	35·1	94	60	—	—	—	—	—
SUNDERLAND	3,306	100,665	30·4	76	47	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	107	65	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	92	73	67·0	48·7	58·3	14·61	0·40
GLASGOW	5,063	489,136	94·8	356	242	73·3	49·0	60·5	15·83	0·10
DUBLIN	9,745	310,565	31·9	156	124	75·1	47·5	63·1	17·28	0·28

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preva between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 24th day of August 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2978	1094	474	59	29	69	7	67	86	625	79	125
LONDON	20	1274	434	226	15	12	12	3	35	25	197	36	57
PORTSMOUTH	32	70	16	8	21	–	–	2	–	3	13	2	2
NORWICH	24	38	14	9	–	–	–	–	1	2	5	–	1
BRISTOL	21	75	26	16	2	2	–	–	1	4	8	5	7
WOLVERHAMPTON	21	28	10	3	–	–	–	–	1	–	6	–	1
BIRMINGHAM	31	205	78	25	9	1	15	–	3	3	59	6	9
LEICESTER	32	60	30	11	4	1	–	–	–	1	26	2	2
NOTTINGHAM	28	47	17	11	1	–	–	–	1	3	6	1	1
LIVERPOOL	29	278	138	36	–	7	3	1	10	9	94	8	12
MANCHESTER	32	213	84	29	1	2	8	–	2	5	63	6	12
SALFORD	29	71	23	12	–	–	1	1	1	3	17	1	1
OLDHAM	39	62	14	6	1	–	18	–	1	1	6	1	2
BRADFORD	28	82	24	10	–	2	1	–	–	3	17	–	–
LEEDS	33	168	65	22	1	1	5	–	4	9	41	2	4
SHEFFIELD	28	135	48	22	4	1	3	–	3	6	35	6	7
HULL	25	60	24	7	–	–	2	–	4	8	11	–	–
SUNDERLAND	24	47	22	8	–	–	–	–	–	–	9	1	2
NEWCASTLE-ON-TYNE	26	65	27	13	–	–	1	–	–	1	12	2	5
DUBLIN	21	124	20	23	10	2	2	1	2	2	14	2	1

TABLE 5.—DEATHS Registered in LONDON in the THIRTY-FOURTH Week of the Year 1872.

USES OF DEATH.	Average in the Thirty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 24, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0 – 5.	5 – 20.				
Mean Temperature -	60·7	64·3						
LL CAUSES - -	1382·9	1274	622	80	151	195	180	46
PECIFIED CAUSES	1374·0	1268	618	80	151	195	179	45
ZYMOTIC DISEASES.								
ORDER 1.								
mall-pox - - -	21·9	15	6	5	4	-	-	-
easles - - -	30·8	12	12	-	-	-	-	-
arlet Fever (Scarlatina)	64·1	12	7	4	1	-	-	-
iphtheria - - -	9·1	3	3	-	-	-	-	-
insy - - -	1·6	·1	-	-	1	-	-	-
oup - - -	12·0	11	9	2	-	-	-	-
hooping-cough - -	33·0	35	34	1	-	-	-	-
yphus - - -	49·1	2	2	-	-	-	-	-
nteric or Typhoid Fever		16	3	8	5	-	-	-
mple continued Fever		7	2	3	-	1	1	-
rysipelas - - -	4·6	6	4	-	1	1	-	-
uerperal Fever (Metria)	3·3	4	-	-	4	-	-	-
rbuncle - - -	·8	1	-	-	-	1	-	-
fluenza - - -	·1	-	-	-	-	-	-	-
senteryc - - -	2·4	3	2	-	1	-	-	-
iarrhœa - - -	206·5	197	182	1	-	2	5	7
mple Cholera -	40·8	12	9	-	1	-	2	-
gue - - -	—	-	-	-	-	-	-	-
ermittent Fever -	·9	1	-	-	-	1	-	-
heumatism - -	6·1	8	-	-	-	4	3	1
ther *Zymotic* Diseases -	·8	1	1	-	-	-	-	-
ORDER 2.								
yphilis - - -	8·3	8	6	-	2	-	-	-
ricture of Urethra -	·8	3	-	-	1	1	1	-
ydrophobia - -	—	-	-	-	-	-	-	-
landers - - -	·1	-	-	-	-	-	-	-
ORDER 3.								
rivation - - -	·3	1	-	-	-	1	-	-
aint of Breast-milk	12·2	16	16	-	-	-	-	-
urpura and Scurvy	2·1	4	2	1	-	-	1	-
leo { *a* Del. Tremens	2·4	1	-	-	-	1	-	-
lism { *b* Intemperance	1·3	-	-	-	-	-	-	-
ORDER 4.								
hrush - - -	5·1	4	4	-	-	-	-	-
Vorms, &c. - -	·2	-	-	-	-	-	-	-
ONSTITUTIONAL DIS.								
ORDER 1.								
Gout - - -	1·4	3	-	-	-	1	2	-
Dropsy - - -	10·7	7	-	-	1	2	3	1
Cancer - - -	28·7	43	-	-	5	23	15	-
Cancrum Oris (Noma)	·6	-	-	-	-	-	-	-
Mortification - -	1·7	5	-	-	-	2	1	2
ORDER 2.								
Scrofula - - -	9·5	13	10	2	-	1	-	-
Tabes Mesenterica -	29·8	38	33	5	-	-	-	-
Phthisis - - -	149·3	133	7	14	65	40	7	-
Hydrocephalus -	21·1	24	19	4	1	-	-	-
. LOCAL DISEASES.								
ORDER 1.								
Cephalitis - - -	14·8	14	11	1	-	2	-	-
Apoplexy - - -	31·3	28	6	-	1	11	9	1
Paralysis - - -	23·6	26	-	-	2	10	12	2
Insanity - - -	1·9	2	-	-	-	2	-	-
Chorea - - -	·2	-	-	-	-	-	-	-
Epilepsy - - -	5·9	6	1	1	1	2	-	1
Convulsions - -	43·6	34	34	-	-	-	-	-
Brain Disease, &c. -	14·9	11	-	-	-	3	6	2
ORDER 2.								
Pericarditis - -	1·5	-	-	-	-	-	-	-
Aneurism - -	2·2	5	-	-	3	2	-	-
Heart Disease, &c. -	49·0	70	1	4	12	20	32	1
ORDER 3.								
Laryngitis - -	3·8	6	4	-	1	1	-	-
Bronchitis - -	53·6	63	22	-	2	11	22	6
Pleurisy - - -	2·5	2	-	-	2	-	-	-
Pneumonia - -	35·9	44	27	3	4	5	5	-
Asthma - - -	3·6	4	-	-	-	1	3	-
Lung Disease, &c. -	6·8	13	6	-	4	2	1	-
ORDER 4.								
Gastritis - - -	1·8	2	-	-	1	-	1	-
Enteritis - - -	5·2	5	3	1	-	1	-	-
Peritonitis - -	5·6	4	3	1	-	-	-	-
Ascites - - -	2·0	1	-	-	-	-	1	-
Ulceration of Intestines -	3·0	6	-	1	-	1	4	-
Hernia - - -	3·1	4	-	-	-	2	2	-
Ileus - - -	2·6	3	-	-	2	-	1	-
Intussusception -	·9	-	-	-	-	-	-	-

CAUSES OF DEATH.	Average in the Thirty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 24, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	60·7	64·3						
9. Stricture of Intestines -	·9	-	-	-	-	-	-	-
10. Fistula - - -	·6	1	-	-	-	-	1	-
11. *Stomach Disease, &c.* -	6·1	3	1	-	2	-	-	-
12. *Pancreas Disease, &c.* -	-	-	-	-	-	-	-	-
13. Hepatitis - - -	2·9	5	-	1	-	1	3	-
14. Jaundice - - -	5·1	4	1	-	-	3	-	-
15. *Liver Disease, &c.* - -	16·9	15	-	-	3	12	-	-
16. *Spleen Disease, &c.* - -	·3	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - -	1·0	2	-	-	2	-	-	-
2. Ischuria - - -	·1	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	9·1	12	-	1	2	6	3	-
4. Diabetes - - -	1·2	-	-	-	-	-	-	-
5. Calculus (Stone) - -	·7	-	-	-	-	-	-	-
6. Cystitis - - -	1·3	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* - -	6·9	4	-	-	-	1	2	1
ORDER 6.								
1. Ovarian Dropsy - -	·7	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* - -	3·6	3	-	-	-	3	-	-
ORDER 7.								
1. Synovitis (Arthritis) -	·3	-	-	-	-	-	-	-
2. *Joint Disease, &c.* - -	4·2	9	-	6	1	1	1	-
ORDER 8.								
1. Phlegmon - - -	1·2	3	-	-	2	1	-	-
2. Ulcer - - - -	1·5	1	-	-	-	1	-	-
3. *Skin Disease, &c.* - -	·8	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	20·1	16	16	-	-	-	-	-
2. Cyanosis - - -	1·6	3	3	-	-	-	-	-
3. Spina Bifida - - -	·9	1	1	-	-	-	-	-
4. Other Malformations -	1·6	3	3	-	-	-	-	-
5. Teething - - - -	14·3	8	8	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·2	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	5·0	8	-	1	7	-	-	-
ORDER 3.								
1. Old Age - - - -	40·3	39	-	-	-	-	19	20
ORDER 4.								
1. Atrophy and Debility	78·1	89	80	1	-	2	6	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	19·3	14	5	3	-	3	3	-
2. Wounds { Gunshot / Cut, Stab }	·7	-	-	-	-	-	-	-
3. Burns and Scalds - -	2·8	2	1	-	1	-	-	-
4. Poison - - - -	·6	1	-	-	-	1	-	-
5. Drowning - - -	9·2	11	2	5	3	1	-	-
6. Suffocation - - -	4·7	6	4	-	-	1	1	-
7. Otherwise - - -	2·4	1	1	-	-	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·3	1	1	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot / Cut, Stab }	·2 / 1·4	-	-	-	-	-	-	-
2. Poison - - - -	·4	-	-	-	-	-	-	-
3. Drowning - - -	1·3	-	-	-	-	-	-	-
4. Hanging - - - -	1·1	-	-	-	-	-	-	-
5. Otherwise - - -	·3	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·5	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	1·7	-	-	-	-	-	-	-
Causes not specified or ill-defined - - -	7·2	6	4	-	-	-	1	1

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2089	1274	434	226	15	12	12	3	35	2	16	7	197	36	57
WEST DISTRICTS	561,189	315	211	69	38	1	2	–	2	4	–	4	–	29	5	13
NORTH DISTRICTS	751,663	448	271	98	48	5	3	4	–	12	–	1	1	43	5	10
CENTRAL DISTRICTS	333,887	199	123	24	27	–	–	–	–	3	–	4	2	14	2	4
EAST DISTRICTS	638,928	470	283	93	46	3	6	1	–	8	2	1	3	39	13	18
SOUTH DISTRICTS	966,132	657	386	150	67	6	1	7	1	8	–	6	1	72	11	12
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	30	16	10	2	–	–	–	1	–	–	–	–	3	1	2
St. John Paddington H	28082	18	16	3	5	–	–	–	–	1	–	–	–	1	3	5
Kensington Town *WL*	91583	60	40	11	8	1	–	–	1	–	–	–	–	3	1	4
Brompton H	28651	22	12	3	2	–	–	–	–	–	–	–	–	3	–	1
St. Peter Hammersmith	6662	2	2	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	30	17	5	3	–	–	–	–	1	–	1	–	4	–	–
Fulham *WLLLL*	23378	10	11	5	1	–	1	–	–	1	–	–	–	1	–	–
Chelsea South HH	26419	17	10	3	3	–	–	–	–	–	–	–	–	3	–	–
Chelsea North-west H*Ww*	23278	20	13	6	1	–	–	–	–	–	–	–	–	1	–	–
Chelsea North-east L	21389	12	9	4	2	–	–	–	–	–	–	–	–	2	–	1
Hanover Square	18700	5	3	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	6	2	1	–	–	–	–	–	1	–	–	–	–	–	–
Belgrave HH	58043	26	22	3	4	–	–	–	–	–	–	2	–	2	–	–
St. John Westminster HHH	38470	20	14	5	2	–	1	–	–	–	–	1	–	1	–	–
St. Margaret Westminster *WWHH*	27640	12	8	4	2	–	–	–	–	–	–	–	–	4	–	–
St. James's Square	10453	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	8	10	2	3	–	–	–	–	–	–	–	–	1	–	–
Berwick-street	10279	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	7	3	2	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	17	9	4	3	–	–	–	–	1	–	–	–	–	–	–
Cavendish Square	15419	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	19	14	5	1	–	1	–	–	–	–	–	–	3	–	–
St. Mary Marylebone H	21795	13	9	1	3	–	–	–	2	–	–	–	–	1	–	–
Christchurch Marylebone	33892	20	14	7	3	–	–	–	–	–	–	–	–	3	–	–
St. John Marylebone	33110	14	7	–	–	–	–	–	–	–	–	–	–	–	–	–
Hampstead *WHH*	32271	15	10	2	4	1	–	–	–	–	–	–	–	1	–	–
Regent's Park Pancras	38192	20	14	7	3	–	–	–	–	1	–	–	–	1	1	1
Tottenham-court *w*H	29360	18	14	3	3	–	–	2	–	–	–	–	–	2	1	2
Gray's Inn Lane H	29216	17	10	1	1	–	–	–	–	–	–	–	–	1	–	–
Somers Town	38562	27	17	6	4	–	1	–	–	2	–	–	–	3	1	3
Camden Town *W*	18066	15	14	4	5	–	–	–	–	1	–	–	–	2	1	2
Kentish Town *W*	68198	40	22	6	2	–	–	1	–	–	–	–	–	1	1	1
Islington West HHH	97801	58	30	14	4	1	–	–	–	1	–	–	–	9	–	–
Islington East *Ww*H	115948	77	45	20	10	–	–	–	–	2	–	–	–	8	–	–
Stoke Newington L	9810	5	4	2	–	–	–	–	–	–	–	–	–	1	–	–
Stamford Hill	6599	3	3	1	–	–	–	–	–	–	–	–	–	1	–	–
West Hackney	28076	25	10	4	1	–	–	–	–	1	–	–	–	1	–	–
Hackney *Ww*HHL	50087	29	15	6	–	3	1	–	–	1	–	–	1	3	–	1
South Hackney L	30305	15	9	5	–	–	–	1	–	–	–	–	–	2	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	2	2	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	31	14	4	3	–	–	–	–	–	–	–	–	3	–	–
St. Giles North	16497	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11826	8	3	1	–	–	–	–	–	–	–	–	1	1	–	–
Charing Cross H	9831	2	2	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Mary-le-Strand	9376	3	2	–	–	–	–	–	–	–	–	1	–	–	–	–
St. Clement Danes H	10711	6	9	1	2	–	–	–	1	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	13	5	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	3	14	–	3	–	–	–	–	–	–	–	–	–	–	–
Saffron Hill	9051	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	8	8	2	3	–	–	–	–	–	–	–	–	2	–	–
Amwell Clerkenwell	16878	10	7	–	1	–	–	–	–	–	–	–	–	3	–	2
Pentonville	13293	8	3	2	–	–	–	–	–	–	–	1	–	–	–	–
Goswell-street	16220	11	8	1	2	–	–	–	–	1	–	–	–	–	–	–
Old-street H	12156	13	1	–	1	–	–	–	–	–	–	–	–	–	1	1
City-road *W*HHL	18291	24	6	2	–	–	–	–	–	1	–	–	1	–	–	–
Whitecross-street	13790	7	2	1	–	–	–	–	–	–	–	–	–	1	–	–
Finsbury	10732	2	4	2	1	–	–	–	–	–	–	–	–	1	–	–
St. Botolph East London HH	14484	11	4	–	–	–	–	–	–	–	–	1	–	–	–	–
Cripplegate	13639	8	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	3	13	1	3	–	–	–	–	–	–	1	–	–	–	–
St. Bride *W*	11184	10	4	1	1	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	2	1	1	–	–	–	–	–	–	–	–	1	1	1
Broad Street	7838	–	4	1	2	–	–	–	–	–	–	–	–	1	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district ay, 24th August 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
ell Shoreditch	12429	9	3	–	1	–	–	–	–	1	–	–	–	–	–	–	–
nard Shoreditch HL†	16545	16	5	4	–	–	–	–	–	1	1	–	–	3	–	–	5
n New Town *w*	27832	29	17	5	8	–	–	–	–	–	–	–	1	–	–	–	–
n Old Town	26944	17	3	1	1	–	–	–	–	1	–	–	–	1	–	–	6
rstone West *W*	24153	24	21	3	5	–	–	–	–	1	–	–	–	–	–	–	–
rstone East	19257	17	8	2	1	–	–	–	–	1	–	–	–	–	–	–	–
ey-road	29808	21	8	2	1	1	–	–	–	1	–	–	–	2	–	–	–
Bethnal Green *WHL*†	42443	30	29	13	4	–	1	–	–	1	–	–	–	5	–	–	10
h, Bethnal Green	26574	16	9	3	1	–	–	–	–	1	–	–	–	1	–	–	–
Bethnal Green	21375	14	4	–	1	–	–	–	–	–	–	–	–	1	–	–	–
ry Whitechapel	6651	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ields	15844	7	2	–	–	–	–	–	–	–	–	–	–	–	1	4	1
nd New Town *W*	15550	13	11	4	2	–	2	–	–	–	–	–	–	–	–	–	–
chapel North	11434	6	6	1	2	–	–	–	–	–	–	–	–	1	–	–	–
chapel Church H	7323	7	28	3	3	–	–	–	–	–	–	–	–	1	3	3	24
an's Fields	10381	7	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
e	9149	2	5	1	1	–	–	–	–	–	–	–	1	2	–	–	–
ry St George East	17903	14	7	3	2	–	–	–	–	–	–	–	–	1	–	–	–
il St. George East	21356	16	8	5	1	–	–	–	–	–	–	–	–	1	–	–	–
n St. George East *W*	8973	7	4	1	1	–	–	–	–	–	1	–	–	–	–	–	2
ell	11623	13	7	5	–	–	–	–	–	–	–	–	–	1	2	2	–
H	15930	4	8	3	1	–	–	–	–	–	–	–	–	1	1	1	3
ouse *W*	30025	9	14	6	2	–	1	–	–	–	–	–	–	3	2	2	–
nd Old Town West	38123	28	9	5	–	–	1	–	–	–	–	–	–	1	–	–	–
nd Old Town East *WwH*	55020	53	14	6	2	–	–	–	–	–	–	1	1	3	–	–	3
*WwH*L†	67777	55	28	7	5	1	–	–	–	1	–	–	–	3	–	1	8
WW	48500	32	23	10	1	1	1	1	–	–	–	–	–	8	4	5	–
South Districts.																	
church Southwark *W*	14547	17	7	4	3	–	–	–	–	–	–	–	–	3	–	–	1
viour Southwark H	15667	13	3	1	–	–	–	–	–	–	–	–	–	1	–	–	1
road	20480	12	10	6	2	–	–	–	–	–	–	–	–	1	–	–	1
gh-road *WH*	16694	14	5	2	1	–	–	–	–	–	–	–	–	1	–	–	–
on-road L	18959	11	10	2	–	–	–	–	–	–	–	–	–	–	–	–	–
y Newington	23673	10	4	3	–	–	–	–	–	–	–	–	–	1	–	–	–
ter Walworth *W*	48232	18	11	4	3	–	–	–	–	–	–	–	–	4	–	–	–
ary Newington	16786	13	4	1	2	–	–	–	–	1	–	–	–	–	–	–	–
lave Southwark H	4157	–	12	–	2	–	–	–	–	–	–	–	–	–	2	2	12
ohn Horsleydown *W*	10595	8	7	3	1	–	–	–	–	–	–	–	–	1	–	2	2
ner Market	16785	10	7	2	1	–	–	–	–	–	–	–	–	1	–	1	–
lary Magdalen *W*	15707	13	8	3	1	–	–	–	–	1	–	–	–	1	–	–	2
ames Bermondsey	47921	56	22	14	3	–	–	2	–	–	–	1	–	4	1	2	–
erhithe *W*	25873	15	16	4	1	–	–	1	–	–	–	1	–	–	1	3	–
rloo-road 1st H	14081	18	8	2	1	–	–	–	–	–	–	–	–	2	–	–	–
rloo-road 2nd H	18453	18	5	4	–	–	–	–	–	–	–	–	–	–	–	–	–
beth Church 1st H	19470	13	8	1	1	–	–	1	–	–	–	–	–	5	1	1	4
beth Church 2nd *W*	35831	36	22	12	5	–	–	–	–	–	–	–	–	4	–	–	2
nington 1st *W*	41284	31	16	9	4	1	–	–	–	–	–	–	–	5	–	–	–
nington 2nd	31213	17	15	11	2	–	–	–	–	1	–	–	–	2	1	1	4
ton HL	35431	21	14	4	2	5	–	–	–	–	–	–	–	–	–	–	–
wood *W*	12534	3	1	–	–	–	–	–	–	–	–	–	–	3	–	–	–
nam HL	27348	16	10	4	–	–	–	–	–	–	–	–	–	5	–	–	1
ersea *W*	53988	28	15	8	2	–	–	–	–	–	–	–	–	2	–	–	–
dsworth HL	19797	11	6	3	–	–	–	–	–	–	–	–	–	–	–	–	–
ey	9438	4	6	–	3	–	–	–	–	–	–	–	–	–	1	–	–
atham	14479	6	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
vich	4041	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
berwell *WL*†*L*†	31251	14	16	3	6	–	1	–	–	1	–	–	–	1	–	–	5
ham *W*	42159	43	13	4	3	–	–	–	–	–	–	–	–	–	3	2	–
George Camberwell	33851	26	13	3	3	–	–	1	–	–	–	–	–	4	–	–	–
Paul Deptford	53696	39	11	2	3	–	–	–	–	1	–	–	–	1	–	–	–
Nicholas Deptford	6487	7	6	2	–	–	–	–	–	–	–	1	–	2	–	–	–
nwich West	21098	22	10	3	1	–	–	–	–	–	–	–	–	5	–	–	–
nwich East *WH*	19320	13	16	5	3	–	–	1	–	1	–	1	–	1	–	–	5
am	4528	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	16430	8	3	1	–	–	–	–	–	–	–	–	–	1	–	–	–
nham	11508	4	3	1	2	–	–	–	–	–	–	–	1	1	–	–	–
	19016	14	6	1	–	–	–	–	1	1	–	–	–	1	–	–	–
lton H	9503	4	4	2	1	–	–	–	–	–	–	1	–	2	–	–	1
lwich Dockyard	17229	5	4	2	1	–	–	–	–	–	–	–	–	2	–	–	–
lwich Arsenal H	18319	10	8	1	–	–	–	1	–	1	–	–	–	1	–	–	–
nstead West	13028	3	5	2	2	–	–	–	–	–	–	–	–	1	–	–	–
nstead East *W*	15290	10	11	5	1	–	–	–	–	–	–	1	–	3	1	–	3

following are Outlying Workhouses (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – ,, ,, Tottenham-court sub-district.
London City – – ,, ,, Islington East.
Do. do. – – ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24th AUGUST, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	18	Full	30·013	78·1	54·1	24·0	65·8	52·5	149·4	44·5	65·4	62·7	13·3	23·8	0·6	+ 4·8	62	E.	E.	2·8	0·0	0·3	227	0·00	..
MONDAY .	19	..	29·995	75·1	52·4	22·7	64·0	51·9	146·5	42·2	65·9	63·8	12·1	21·9	1·0	+ 3·1	65	ENE.&E.	E.&ENE.	3·7	0·0	0·4	280	0·00	..
TUESDAY .	20	..	29·842	77·1	56·4	20·7	65·5	56·0	148·4	49·8	66·0	64·0	9·5	20·7	1·5	+ 4·7	72	ENE.&E.	E.	3·5	0·0	0·3	280	0·00	..
WEDNESDAY	21	In Equator	29·788	78·2	58·7	19·5	67·2	58·9	144·4	51·4	66·2	64·5	8·3	18·7	1·4	+ 6·5	75	ENE.&E.	E.	1·3	0·0	0·1	182	0·00	..
THURSDAY .	22	..	29·826	78·0	59·1	18·9	64·8	58·5	129·3	54·2	66·6	65·0	6·3	16·7	1·7	+ 4·1	80	NNE.	NE & NNE	1·2	0·0	0·1	236	0·00	..
FRIDAY .	23	..	30·005	76·8	52·5	24·3	62·2	54·5	139·3	50·6	66·4	63·6	7·7	18·7	3·4	+ 1·6	76	NNE.	N. by E. & NNE.	2·6	0·0	0·3	274	0·00	..
SATURDAY .	24	..	30·101	76·9	49·7	27·2	60·8	53·5	132·3	41·5	66·6	64·0	7·3	21·4	1·3	+ 0·3	77	NNE.	NNE,NE, & SSW.	0·3	0·0	0·0	92	0·00	..
MEANS . .		..	29·939	77·2	54·7	22·5	64·3	55·1	141·4	47·7	66·2	63·9	9·2	20·3	1·6	+ 3·6	72	E, ENE, & NNE		..	..	..	Sum 1571	Sum 0·00	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. AUGUST.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	18	Strong positive, with varying tension.	Cloudless, and very fine throughout.
MONDAY .	19	Positive, with variable tension.	Nearly cloudless, and very fine.
TUESDAY .	20	Occasional weak positive.	Light clouds generally prevalent; fine.
WEDNESDAY	21	Occasional weak positive.	The sky somewhat cloudy throughout, but the weather very fine.
THURSDAY .	22	Strong positive at night.	Cloudy till the evening. A few large drops of rain fell at midday. Fine, with variable amounts of cloud at night.
FRIDAY .	23	Positive, with variable tension.	Very fine. Thin clouds present till night.
SATURDAY .	24	Moderate positive in the afternoon and evening.	Overcast, dull, and misty till 10h. A.M.; fine and generally cloudless afterwards.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·98 in. at the beginning of the week to 30·04 in. by 9h. A.M. on the 19th; decreased to 29·78 in. by 3h. P.M. on the 21st; increased to 30·13 in. by 9h. A.M. on the 24th; and was 30·09 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
2d September 1872.

United Kingdom.

During the week ending Saturday last, 5114 *births* and 3402 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 18 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 23.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 36, Norwich 23, Bristol 20, Wolverhampton 23, Birmingham 30, Leicester 39, Nottingham 30, Liverpool 30, Manchester 31, Salford 28, Oldham 40, Bradford 25, Leeds 32, Sheffield 23, Hull 29, Sunderland 22, and Newcastle-upon-Tyne 35. The fatal cases of small-pox in these eighteen towns, which in the two previous weeks had been 41 and 59, further declined last week to 31; of these 11 occurred in Portsmouth, equal to an annual death-rate of 5 per 1000. The deaths referred to diarrhœa in the eighteen towns, which in the four previous weeks had steadily decreased from 966 to 625, further declined last week to 609; the annual death-rate from this disease averaged 5 per 1000 last week in these towns, and ranged from 2 per 1000 in London to 9 each in Birmingham, Manchester, and Leeds, 11 in Liverpool, and 19 per 1000 in Leicester.

The epidemic of scarlet fever in Oldham showed an increased fatality last week, causing 25 deaths, against numbers increasing from 6 to 18 in the four preceding weeks.

London.

In London 2188 births and 1236 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 6, while the deaths were 239 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the four previous weeks had steadily decreased from 27 to 20 per 1000, further declined last week to 19. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 19 in the North, 23 in the Central, 20 in the East, and 18 in the South groups of Districts.

The 1236 deaths included 8 from small-pox, 15 from measles, 13 from scarlet fever, 3 from diphtheria, 34 from whooping-cough, 30 from different forms of fever (of which 2 were certified as typhus, 20 as enteric or typhoid, and 8 as simple continued fever), and 156 from diarrhœa; thus to the seven principal diseases of the zymotic class 259 deaths were referred, against numbers declining from 620 to 299 in the four preceding weeks. The 34 deaths from whooping-cough, of which 33 were of children under five years of age, slightly exceeded the corrected average number in corresponding week of the last ten years, while those referred to each of the other principal zymotic diseases were considerably below the same average. Five fatal cases of whooping-cough occurred in Kentish Town, 3 of scarlet fever in Poplar, and 2 each of enteric fever in Brompton and Poplar registration sub-districts.

Small-pox as an epidemic may now be said to have disappeared from London; only 8 deaths were referred thereto last week against 16 and 15 in the two previous weeks. Four occurred in the small-pox hospitals, and it is worthy of note that 6 were unvaccinated cases, while the other 2 were stated to be vaccinated.

The mean temperature of the air in the week at the Royal Observatory, Greenwich, was 60°·1, and scarcely differed from the average for the corresponding week in 50 years. The daily means ranged from 67°·3 on Sunday 25th, to 56°·5 on Tuesday. Nearly half an inch of rain fell on Monday.

The fatal cases of diarrhœa, which in the four previous weeks had steadily decreased from 484 to 197, further declined last week to 156, which were 37 below

the corrected average weekly number; of these, 145 were of children under five years of age, including 109 of infants under one year. The death-rate from diarrhœa in London last week was lower than in any of the seventeen other large English towns from which weekly returns are received.

The deaths referred to cholera and choleraic diarrhœa were 13 last week, against 24, 11, and 12 in the three previous weeks; 9 were of infants and young children under five years of age. The death of the son of a glass-blower at 33 Hatfield-street, Southwark, on 25th August, was certified from "cholera Asiatica, 10 hours." The only adult case of cholera was of a wine merchant's bottler, aged 26, at 133 Cleveland-street, Marylebone, certified as "cholera simplex, 18 hours; asthma."

To different forms of violence 66 deaths were referred; 48 were the result of negligence or accident, including 21 from fractures and contusions, 16 from drowning, and 10 from suffocation, including 8 of infants under one year of age. Four cases of murder, and 3 each of infanticide and manslaughter, were registered during the week; 5 deaths were referred to suicide.

Seven of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 38 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 1st instant; of these, 31 occurred in the Metropolitan, and 7 in the City Police Districts.

In the large Public Institutions 182 deaths were recorded, or 15 per cent. of the total deaths; of these, 91 occurred in Workhouses and 88 in Hospitals.

Dr. Frankland, F.R.S., reports that the water supplied by the London Companies during August was for the most part clear and transparent; that, however, drawn from the main of the New River Company on 1st of the month contained "a number of white suspended particles." Taking unity to represent the amount of organic impurity in a given volume of Kent Company's water, the proportional quantity in an equal volume of water supplied by the other Metropolitan Companies was:—New River 1·9, East London 3·4, West Middlesex and Grand Junction 3·7, Chelsea 3·9, Southwark 4·0, and Lambeth 4·1. The evidence of previous sewage contamination in the Kent Company's water may be safely disregarded on account of the great depth of the chalk springs and wells from which the water is drawn, and the small quantity of organic matter which it contains. Dr. Hill reports that the water supplied to Birmingham on 2d August was turbid from large particles; there was, however, a diminution in the proportion of organic impurities.

Major Bolton, Water Examiner to the Board of Trade, reports that the condition of the Thames at Hampton, Molesey, and Sunbury, where are situated the intakes of the West Middlesex, Grand Junction, Southwark and Vauxhall, Lambeth, and East London Companies was for the most part satisfactory during the month ending 15th August. The Chelsea Company is now the only one which draws its supply from Ditton; there the quality of the water was indifferent between 27th July and 11th August. The new works of the East London Company at Sunbury, for securing a supply from the Thames as auxiliary to its Lea supply, have been completed; from this intake the water is pumped to reservoirs at Hornsey. The Lambeth Company has also removed its intake from Ditton to a point above Molesey Lock, by which the objectional outflows of the rivers Mole and Rye are avoided.

Indian Cities.

In Bombay the deaths registered during the week ending July 30th were 367, including 116 from remittent fever, and the annual death-rate was equal to 30 per 1000. In Calcutta 160 deaths were returned in the week ending July 6th. In Madras the 250 deaths in the week ending 12th July showed an annual death-rate equal to 33 per 1000; 60 deaths were referred to different forms of fever.

Foreign Cities.

In Paris 839 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 96 deaths occurred in the week ending the 24th ultimo, and the annual death-rate was 27 per 1000. In Berlin during the week ending last Thursday, 523 deaths were recorded, showing an annual rate of 33 per 1000; 116 deaths were referred to infantile diarrhœa, and 25 to enteric fever. In Vienna the 288 deaths in the week ending August 24th gave an annual rate of 24 per 1000. In Rome 170 deaths were registered in the week ending 18th ultimo, and the annual death-rate was 36 per 1000; the deaths included 27 fatal cases of fever.

In the City of New York 645 deaths were registered in the week ending August 10th, and the equivalent annual rate of mortality was 36 per 1000; to diarrhœal diseases 203 deaths were referred, against numbers declining from 639 to 251 in the five preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·83 in.; the highest reading was 30·15 in. on Wednesday morning, and the lowest 29·57 in. on Saturday morning. The mean temperature of the *air* was 60°·1, or 0°·2 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably above the average on Sunday the 25th ultimo, when the excess was 6°·8, and slightly so on Thursday; on each of the other days a deficiency was shown. The highest day temperature in the shade was 79°·7 on Sunday, and the lowest night temperature 45°·0 on Wednesday; the extreme range in the week was, therefore, 34°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 143°·6 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 7°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 65°. The mean degree of *humidity* of the air was 77, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on Monday and Friday to the amount of 0·47 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 56°·6 in Norwich to 60°·3 in Nottingham; the lowest recorded night temperature was 43°·3 in Nottingham, and the highest day temperature in the shade 76°·6 in the same town. Rain was measured in each of these towns; the amounts varied from ·09 of an inch in Portsmouth to ·88 of an inch in Birmingham.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 238,743 cubic metres, and at Barking 248,235 cubic metres, equivalent to about as many tons by weight.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of July 1872: thus, according to their account, 119,736,251 gallons or 544,017 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 109·3 decalitres, rather more than a *ton* by weight, to each house, and 15·4 decalitres (= 33·9 gallons) to each person. The average daily supply to each person in July 1871 was 32·3 gallons.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of July 1872, it may be estimated that about 98,183,726 gallons were probably used for domestic purposes, or about 27·8 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	July 1871.	July 1872.	July 1871.	July 1872.
Total Supply	489,331	497,845	112,107,697	119,736,251
From Thames	227,286	232,048	58,529,736	61,675,451
From Lea and from other Sources	262,045	265,797	53,577,961	58,060,800
Thames.				
Chelsea	27,838	28,154	9,000,800	9,924,100
West Middlesex	42,370	43,715	10,275,328	10,578,091
Southwark and Vauxhall	78,504	78,917	16,436,494	16,457,669
Grand Junction	31,820	33,013	11,590,874	12,440 291
Lambeth	46,754	48,249	11,226,240	12,275,300
Lea and other Sources.				
New River	119,062	120,335	24,986,000	29,080,000
East London	102,624	104,196	21,279,000	21,405,860
Kent	40,359	41,266	7,312,961	7,575,000

Note.—The Return for July 1872, as compared with that for the corresponding month of last year, shows an increase of 8,514 houses, and an increase of 7,628,554 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for August.

Sir, *Royal College of Chemistry, 29th August* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of August. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

The water drawn from the main of the New River Company on the 1st instant contained a number of white suspended particles; that supplied by the other Companies was clear and transparent.

Organic matter is the most objectionable of the impurities present in the London waters: of this the Kent Company's water, drawn from deep wells in the chalk, contained a very small proportion; and the New River Company's water, taken partly from wells and springs in the chalk, and partly from the River Lea, contained the next smallest proportion. Taking the amount of this impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the remaining Metropolitan Companies was:—New River 1·9, East London 3·4, West Middlesex and Grand Junction 3·7, Chelsea 3·9, Southwark 4·0, and Lambeth 4·1.

The evidence of previous sewage contamination exhibited by the Kent Company's water, although stronger than that shown by the river waters, may be safely disregarded on account of the great depth from which the water is drawn, and the small quantity of organic matter which it contains.

Dr. Hill reports that the water supplied to Birmingham on the 2d instant was turbid from large particles. There was a considerable diminution in the proportion of organic nitrogen, ammonia, and nitrogen as nitrates and nitrites.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	1st August, Cab Rank, Horse Guards	21·0	24·74	·193	·017	·000	·153	·170	1210	1·75	18·9
West Middlesex	1st August, Cab Rank, Portland-road	21·5	23·68	·179	·020	·000	·090	·110	580	1·75	18·0
Southwark and Vauxhall	1st August, Cab Rank, St. George's Church, Borough.	21·0	23·82	·189	·026	·000	·109	·135	770	1·75	18·0
Grand Junction	1st Augu t, Cab Rank, Woodstock-street.	20·0	25·7	·181	·017	·000	·106	·123	740	1·75	20·3
Lambeth	1st August, Cab Rank, Westminster Bridge-road.	20·5	25·82	·196	·025	·000	·148	·173	1160	1·7	19·1
Other Sources.											
New River	1st August, Cab Rank, Tottenham-court-road.	21·0	25·34	·093	·010	·000	·149	·159	1170	1·6	19·7
East London	2d August, Royal Hotel, Mile-end-road.	20·5	25·1	·157	·024	·000	·063	·087	310	2·05	17·7
Kent	2d August, Deptfd. Bdge. Police Stat.	14·3	39·3	·044	·010	·000	·532	·542	5000	2·45	27·9
Birmingham*	2d August, Birmingham Waterworks	—	25·64	·240	·035	·002	trace	·036	0	2·05	18·71
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 lbs. of the waters The Table is to be read thus: the Chelsea Company's water collected on the 1st August at the Horse Guards cab-rank had a temperature of 21° C.; 100,000 lbs. of it contained 24·74 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·193 lb. of carbon and ·017 lb. of nitrogen. The above quantity of water contained no ammonia and ·153 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·170 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1210 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·75 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-FIFTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1852	1705	1867	2019	1780	2085	2247	2156	2055	2068	1983·4	2188
Males . .	912	865	970	1002	881	1034	1121	1128	1043	1041	999·7	1096
Females .	940	840	897	1017	899	1051	1126	1028	1012	1027	983·7	1092
TOTAL **Deaths**	1147	1334	1441	1131	1413	1288	1356	1391	1426	1485	1341·2	1236
Males . .	609	667	711	556	704	671	682	748	740	786	687·4	646
Females .	538	667	730	575	709	617	674	643	686	699	633·8	590

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.
TOTAL **Deaths** - - -	1289	1207	1230	1070	1193	1285	1467	1643	1695	1598	1445	1274	1236
Deaths under 5 years of age -	536	449	470	416	518	628	765	950	997	940	725	622	569
Deaths 5—20 - - -	90	97	85	88	89	76	91	82	86	72	81	80	85
Deaths 20—40 - - -	200	211	198	163	197	172	188	175	185	168	175	151	197
Deaths 40—60 - - -	220	217	217	206	178	204	200	201	215	197	212	195	187
Deaths 60—80 - - -	201	189	215	167	173	163	187	192	172	186	209	180	163
Deaths at 80 years & upwards	42	44	45	30	38	42	36	43	40	35	43	46	35
Deaths from Smallpox - -	27	37	26	43	35	26	29	33	28	15	16	15	8
„ „ Measles - -	39	33	41	33	42	28	12	25	20	18	26	12	15
„ „ Scarlet Fever -	18	12	9	11	17	12	3	7	6	12	15	12	13
„ „ Diphtheria -	4	3	6	—	3	3	5	5	5	6	4	3	3
„ „ Whooping-cough	63	41	53	44	46	58	60	50	49	37	36	35	34
„ „ Typhus fever -	8	1	2	2	3	4	4	3	4	3	5	2	2
„ „ Enteric (or Typhoid) fever -	18	12	11	14	10	11	9	14	17	12	16	16	20
„ „ Simple Cont^{d} fever	7	9	10	4	6	5	10	4	7	7	6	7	8
„ „ Diarrhœa - -	24	16	25	37	61	148	258	394	484	441	270	197	156
„ „ Simple Cholera -	2	—	1	2	4	12	17	19	33	24	11	12	13
„ „ Phthisis - -	172	181	160	159	166	166	148	159	150	153	156	133	173
„ „ Bronchitis - -	116	100	108	60	72	67	66	65	56	51	68	63	72
„ „ Pneumonia -	76	53	52	41	36	50	53	40	37	44	41	44	35
„ „ Heart Disease -	68	64	70	62	68	57	66	64	72	61	63	70	44
Mean Temperature of the Air	52°·6	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1
Mean Temperature of the Water of the Thames -	59·4	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4	63·9	65·1	65·0
Humidity of the Air - -	83	80	69	72	66	78	83	81	82	86	72	72	77
Rain-fall in inches - -	0·77	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0·01	0·00	0·47

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S. :—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F,M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 31st day of August 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 31st August 1872.	DEATHS registered during the Week ending 31st August 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5114	3402	79·7	40·8	58·4	14·66	0·67	1·70
LONDON	78,080	3,311,298	42·4	2188	1236	79·7	45·0	60·1	15·61	0·47	1·19
PORTSMOUTH	9,513	115,455	12·1	63	80	73·6	44·8	59·0	15·00	0·09	0·23
NORWICH	7,472	81,105	10·9	51	36	74·0	47·0	56·6	13·66	0·67	1·70
BRISTOL	4,688	186,428	39·8	123	70	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	30	72·2	45·1	57·5	14·16	0·84	2·13
BIRMINGHAM	7,831	350,164	44·7	264	198	72·0	48·0	58·3	14·61	0·88	2·24
LEICESTER	3,200	99,143	31·0	73	75	—	—	—	—	—	—
NOTTINGHAM	1,996	88,225	44·2	56	51	76·6	43·3	60·3	15·72	0·86	2·18
LIVERPOOL	5,108	499,897	97·9	352	286	72·2	49·9	59·0	15·00	0·41	1·04
MANCHESTER	4,486	352,759	78·6	294	207	75·0	46·0	59·1	15·05	0·39	0·99
SALFORD	5,172	127,923	24·7	111	69	72·8	46·8	57·5	14·16	0·71	1·80
OLDHAM	4,167	84,004	20·2	67	65	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	110	74	71·4	47·4	59·8	15·44	0·21	0·53
LEEDS	21,572	266,564	12·4	204	163	71·0	46·0	59·2	15·11	0·35	0·89
SHEFFIELD	22,830	247,847	10·9	173	110	74·0	44·0	59·4	15·22	0·10	0·25
HULL	3,562	124,976	35·1	91	69	77·0	42·0	58·9	14·94	0·79	2·01
SUNDERLAND	3,306	100,665	30·4	74	43	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	107	87	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	119	70	63·0	45·7	56·2	13·44	1·35	3·43
GLASGOW	5,063	489,136	94·8	363	248	68·7	45·2	56·2	13·44	2·09	5·31
DUBLIN	9,745	310,565	31·9	175	135	72·9	40·8	58·4	14·66	0·57	1·45

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 187 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevaile between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at th Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the Wee ending Saturday the 31st day of August 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	24	2949	1060	418	31	26	65	7	71	93	609	120	199	31
LONDON	19	1236	396	198	8	15	13	3	34	30	156	66	113	18
PORTSMOUTH	36	80	20	14	11	–	–	–	1	9	8	1	1	1
NORWICH	23	36	13	9	–	–	–	–	2	–	8	1	1	
BRISTOL	20	70	21	16	1	1	–	–	–	1	16	4	3	1
WOLVERHAMPTON	23	30	10	3	–	–	2	–	1	–	5	1	2	
BIRMINGHAM	30	198	72	21	4	–	12	1	1	9	60	7	17	1
LEICESTER	39	75	45	4	2	–	–	–	–	6	37	1	2	
NOTTINGHAM	30	51	17	12	1	–	–	–	1	2	10	2	2	
LIVERPOOL	30	286	136	27	–	6	1	1	14	4	101	7	12	1
MANCHESTER	31	207	88	23	2	–	3	–	2	2	61	6	10	2
SALFORD	28	69	34	7	–	–	2	–	–	2	21	–	1	
OLDHAM	40	65	20	4	–	–	25	–	1	–	9	1	2	
BRADFORD	25	74	25	7	–	3	3	–	1	–	15	1	1	
LEEDS	32	163	61	22	1	1	1	–	5	11	48	6	13	1
SHEFFIELD	23	110	38	17	–	–	1	1	4	6	24	6	8	1
HULL	29	69	22	11	1	–	1	–	2	7	14	4	4	
SUNDERLAND	22	43	13	7	–	–	–	–	2	1	6	4	4	
NEWCASTLE-ON-TYNE	35	87	29	16	–	–	1	1	–	3	10	2	3	
DUBLIN	23	135	28	30	7	3	1	–	–	4	7	–	1	4

Table 5. Deaths in London Registered in the Thirty-fifth Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 31, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	59·9	60·1						
ALL CAUSES – –	1341·2	1236	569	85	197	187	163	35
SPECIFIED CAUSES	1329·2	1230	567	85	197	184	163	34
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	21·3	8	4	2	2	–	–	–
Measles – – – –	26·8	15	15	–	–	–	–	–
Scarlet Fever (Scarlatina)	71·1	13	10	3	–	–	–	–
Diphtheria – – –	9·6	3	2	–	1	–	–	–
Quinsy – – – –	1·1	–	–	–	–	–	–	–
Croup – – – –	12·3	8	7	1	–	–	–	–
Whooping-cough – –	29·8	34	33	–	1	–	–	–
Typhus – – – }		2	1	1	–	–	–	–
Enteric or Typhoid Fever }	50·5	20	3	5	6	5	–	1
Simple continued Fever – }		8	3	1	1	1	2	–
Erysipelas – – –	6·0	6	4	–	1	–	1	–
Puerperal Fever (Metria)	1·8	5	–	–	4	1	–	–
Carbuncle – – –	·6	–	–	–	–	–	–	–
Influenza – – – –	·4	1	1	–	–	–	–	–
Dysentery – – –	1·8	2	–	–	1	1	–	–
Diarrhœa – – –	175·3	156	145	3	–	3	5	–
Simple Cholera – –	29·8	13	9	3	1	–	–	–
Ague – – – –	·3	–	–	–	–	–	–	–
Remittent Fever – –	·3	–	–	–	–	–	–	–
Rheumatism – –	4·7	6	–	3	3	–	–	–
Other *Zymotic* Diseases –	—	–	–	–	–	–	–	–
Order 2.								
Syphilis – – – –	5·6	12	10	–	2	–	–	–
Stricture of Urethra –	1·0	1	–	–	–	1	–	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	·1	–	–	–	–	–	–	–
Order 3.								
Privation – – –	·2	–	–	–	–	–	–	–
Want of Breast milk –	13·6	18	18	–	–	–	–	–
Purpura and Scurvy –	1·3	1	1	–	–	–	–	–
Alcoholism { *a* Del. Tremens	2·2	3	–	–	1	2	–	–
Alcoholism { *b* Intemperance –	1·8	2	–	–	1	1	–	–
Order 4.								
Thrush – – – –	5·4	3	3	–	–	–	–	–
Worms, &c. – – –	—	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – – –	1·8	1	–	–	–	–	1	–
Dropsy – – – –	11·7	8	2	–	1	2	3	–
Cancer – – – –	28·9	29	–	–	1	16	11	1
Cancrum Oris (Noma) –	·3	1	1	–	–	–	–	–
Mortification – – –	2·6	5	–	–	–	1	4	–
Order 2.								
Scrofula – – –	9·6	10	6	2	2	–	–	–
Tabes Mesenterica –	31·8	30	29	1	–	–	–	–
Phthisis – – – –	146·8	173	10	18	99	35	10	1
Hydrocephalus – –	24·1	21	14	7	–	–	–	–
II. LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	11·9	16	9	4	2	–	1	–
Apoplexy – – –	29·4	31	7	–	5	9	8	2
Paralysis – – –	23·4	23	1	–	1	5	14	2
Insanity – – – –	1·7	1	–	–	–	–	1	–
Chorea – – – –	·5	–	–	–	–	–	–	–
Epilepsy – – – –	5·3	8	–	–	2	3	2	1
Convulsions – – –	41·9	34	34	–	–	–	–	–
Brain Disease, &c. – –	14·8	14	–	1	3	5	5	–
Order 2.								
Pericarditis – – –	2·0	1	–	–	–	1	–	–
Aneurism – – –	2·1	4	–	–	1	2	1	–
Heart Disease, &c. – –	50·6	44	–	1	9	18	14	2
Order 3.								
Laryngitis – – –	4·4	2	–	–	1	–	1	–
Bronchitis – – –	55·1	72	35	2	2	8	22	3
Pleurisy – – – –	2·4	2	–	–	–	2	–	–
Pneumonia – – –	39·4	35	18	3	4	6	4	–
Asthma – – – –	3·9	2	–	–	–	1	1	–
Lung Disease, &c. – –	10·2	11	2	1	2	5	1	–
Order 4.								
Gastritis – – – –	1·8	3	2	1	–	–	–	–
Enteritis – – – –	7·1	9	5	1	–	2	1	–
Peritonitis – – –	4·4	6	–	–	4	2	–	–
Ascites – – – –	2·7	3	–	–	1	1	–	1
Ulceration of Intestines –	3·1	3	–	1	1	1	–	–
Hernia – – – –	2·2	3	–	–	1	1	–	1
Ileus – – – –	2·7	2	–	–	–	2	–	–
Intussusception – –	·3	2	1	–	1	–	–	–

CAUSES OF DEATH.	Average in the Thirty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, August 31, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	59·9	60·1						
9. Stricture of Intestines –	1·1	–	–	–	–	–	–	–
10. Fistula – – – –	·6	2	–	–	2	–	–	–
11. *Stomach Disease, &c.* –	5·9	6	–	–	2	–	3	1
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – – –	3·4	3	–	–	–	1	1	1
14. Jaundice – – – –	4·7	3	1	–	–	1	1	–
15. *Liver Disease, &c.* – –	17·7	18	–	–	–	9	9	–
16. *Spleen Disease, &c.* –	·2	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·0	1	–	–	–	1	–	–
2. Ischuria – – – –	·6	1	–	–	1	–	–	–
3. Bright's Disease (Nephria)	6·3	9	2	–	–	5	2	–
4. Diabetes – – – –	1·8	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·7	2	–	–	1	–	1	–
6. Cystitis – – – –	·7	2	–	–	1	1	–	–
7. *Kidney Disease, &c.* –	9·1	7	–	1	3	–	3	–
Order 6.								
1. Ovarian Dropsy – –	·6	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	4·7	4	–	–	2	2	–	–
Order 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·1	5	–	2	–	2	1	–
Order 8.								
1. Phlegmon – – – –	1·0	1	–	1	–	–	–	–
2. Ulcer – – – –	1·5	1	–	–	–	1	–	–
3. *Skin Disease, &c.* – –	1·3	2	1	–	–	–	1	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	18·1	17	17	–	–	–	–	–
2. Cyanosis – – – –	1·4	6	6	–	–	–	–	–
3. Spina Bifida – – –	·4	–	–	–	–	–	–	–
4. Other Malformations –	1·6	2	2	–	–	–	–	–
5. Teething – – – –	12·7	9	9	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·2	2	–	–	2	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·8	3	–	–	2	1	–	–
Order 3.								
1. Old Age – – – –	41·7	29	–	–	–	–	13	16
Order 4.								
1. Atrophy and Debility –	79·3	80	71	1	1	2	5	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	15·5	21	1	3	5	5	6	1
2. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	2·7	–	–	–	–	–	–	–
4. Poison – – – –	·9	–	–	–	–	–	–	–
5. Drowning – – –	8·8	16	–	8	5	2	1	–
6. Suffocation – – –	5·1	10	8	–	1	1	–	–
7. Otherwise – – –	3·2	1	–	1	–	–	–	–
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·3	10	3	1	3	1	2	–
Order 4.								
(Suicide.)								
1. Wounds { Gunshot –	·2	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	1·2	1	–	–	–	–	1	–
2. Poison – – – –	·7	1	–	–	–	1	–	–
3 Drowning – – –	·9	1	–	–	–	1	–	–
4. Hanging – – – –	1·4	2	–	–	–	2	–	–
5. Otherwise – – –	·7	–	–	–	–	–	–	–
Order 5.								
(Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·1	3	1	2	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	·8	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	11·2	6	2	–	–	3	–	1

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2188	1236	396	198	8	15	13	3	34	2	20	8	156	66	113
WEST DISTRICTS	561,189	338	218	70	42	–	3	1	1	6	–	6	3	24	16	24
NORTH DISTRICTS	751,668	469	277	94	51	2	1	1	–	11	1	4	1	33	14	28
CENTRAL DISTRICTS	333,887	182	146	41	22	–	3	1	–	3	–	1	1	14	8	18
EAST DISTRICTS	638,928	487	255	69	33	1	4	5	–	9	1	5	1	30	18	28
SOUTH DISTRICTS	966,132	712	340	122	50	5	4	5	2	5	–	4	2	55	10	15
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	37	25	8	6	–	–	–	1	1	–	–	–	1	2	3
St. John Paddington H	38032	17	10	2	4	–	–	–	–	–	–	–	–	–	2	2
Kensington Town *WL*	91583	69	45	19	11	–	1	–	–	–	–	–	1	7	–	2
Brompton H	28651	16	12	1	3	–	–	–	–	–	–	2	–	–	1	2
St. Peter Hammersmith	6662	4	1	1	–	–	1	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	14	12	6	1	–	–	1	–	–	–	–	–	2	1	1
Fulham *WLLLL*	23378	20	16	5	1	–	–	–	–	–	–	1	1	1	2	3
Chelsea South HH	26419	17	12	7	1	–	–	–	–	–	–	–	–	4	1	1
Chelsea North-west H*Ww*	23278	19	10	2	–	–	–	–	–	1	–	1	–	–	1	2
Chelsea North-east L	21389	14	3	–	1	–	–	–	–	–	–	–	–	–	1	1
Hanover Square	18700	6	4	3	–	–	–	–	–	–	–	–	–	2	–	–
May Fair *W*	13020	4	5	1	2	–	1	–	–	2	–	–	–	–	–	–
Belgrave HH	58043	34	22	4	2	–	–	–	–	–	–	1	1	3	5	5
St. John Westminster HHH	38470	27	15	6	2	–	–	–	–	–	–	1	–	3	–	–
St. Margaret Westminster *WWHH*	27640	13	10	1	3	–	–	–	–	2	–	–	–	1	1	–
St. James's Square	10453	1	4	2	2	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	3	5	–	2	–	–	–	–	–	–	–	–	–	–	1
Berwick-street	10279	10	3	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	13	4	2	1	–	–	–	–	–	–	–	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	13	12	4	4	–	–	–	–	–	–	–	1	1	–	1
Cavendish Square	15419	2	4	1	–	–	–	–	–	–	–	–	–	–	1	1
Rectory Marylebone *WH*	26387	13	14	1	3	–	–	–	–	1	–	1	–	1	1	3
St. Mary Marylebone H	21795	11	4	2	1	–	–	–	–	–	–	–	–	–	1	1
Christchurch Marylebone	33892	18	11	6	1	–	–	–	–	–	–	–	–	3	–	–
St. John Marylebone	33110	13	10	3	3	–	–	–	–	–	1	1	–	1	–	–
Hampstead *WHH*	32271	14	9	1	4	–	–	–	–	–	–	–	–	–	1	1
Regent's Park Paneras	38192	31	17	5	3	–	–	–	–	1	–	–	–	1	2	4
Tottenham-court *wH*	29360	21	11	3	–	–	–	–	–	–	–	–	–	1	–	–
Gray's Inn Lane H	29216	13	13	3	4	–	–	–	–	2	–	1	–	1	1	3
Somers Town	38562	29	14	3	4	–	–	–	–	–	–	–	–	2	–	2
Camden Town *W*	18066	15	3	1	1	–	–	–	–	–	–	–	–	–	–	1
Kentish Town *W*	68198	46	37	14	7	–	1	–	–	5	–	–	–	6	2	3
Islington West HHH	97801	66	29	10	4	–	–	1	–	1	–	–	–	3	–	–
Islington East *Ww*H	115948	90	45	21	7	–	–	–	–	1	–	–	–	9	3	5
Stoke Newington L	9810	7	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	5	5	–	–	–	–	–	–	–	–	1	–	–	1	1
West Hackney	28076	18	10	6	1	–	–	–	–	–	–	–	–	1	–	–
Hackney *Ww*HHL	50087	29	18	5	2	1	–	–	–	–	–	–	–	–	1	1
South Hackney L	30305	15	9	5	1	1	–	–	–	–	–	–	–	3	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	5	2	1	–	–	–	–	–	–	–	–	–	1	1
St. Giles South *WH*	19089	19	10	2	–	–	–	–	–	–	–	–	–	1	–	2
St. Giles North	16497	4	6	1	1	–	1	–	–	–	–	–	–	–	–	–
Long Acre	11326	5	9	2	–	–	–	–	–	1	–	–	1	1	–	1
Charing Cross H	9831	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	3	3	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	6	–	2	–	–	–	–	–	–	–	–	1	1	2
St. George-the-Martyr HHH	20321	15	10	2	2	–	–	–	–	–	–	–	–	1	–	1
St. Andrew Eastern *W*	13528	4	14	1	2	–	–	–	–	–	–	1	–	–	–	1
Saffron Hill	9051	6	3	3	–	–	–	–	–	–	–	–	–	1	–	1
St. James Clerkenwell *W*	18912	11	10	6	1	–	–	–	–	1	–	–	–	2	–	1
Amwell Clerkenwell	16878	15	4	2	–	–	–	–	–	1	–	–	–	–	–	1
Pentonville	13293	8	3	2	–	–	–	–	–	–	–	–	–	–	–	1
Goswell-street	16220	10	4	–	3	–	–	–	–	–	–	–	–	–	–	1
Old-street H	12156	12	4	2	–	–	–	–	–	–	–	–	–	–	1	1
City-road *WHHL*	18291	17	10	3	1	–	1	–	–	–	–	–	–	–	–	1
Whitecross-street	13790	4	8	4	2	–	1	–	–	–	–	–	–	2	2	2
Finsbury	10732	4	3	–	–	–	1	–	–	–	–	–	–	1	–	–
St. Botolph East London HH	14484	7	10	3	2	–	–	–	–	–	–	–	–	1	1	2
Cripplegate	13639	7	7	2	2	–	–	–	–	–	–	–	–	1	1	1
St. Sepulchre H	7562	3	6	–	–	–	–	–	–	–	–	–	–	1	1	1
St. Bride *W*	11184	5	4	3	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	1	1	–	–	–	–	–	–	–	–	–	1	–	–
Christchurch	6308	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	3	–	2	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions in which a considerable number of deaths is likely to occur, namely,

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
turday, 31st August 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	13	6	3	-	-	-	1	-	1	-	-	-	2	-	-	-
. Leonard Shoreditch HL†	16545	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
oxton New Town *w*	27832	20	10	2	2	-	-	-	-	-	-	-	1	2	-	-	2
oxton Old Town	26944	18	9	1	1	-	-	-	-	1	-	1	-	-	3	3	-
aggerstone West *W*	24153	11	7	2	3	-	-	-	-	-	-	-	-	1	-	-	3
aggerstone East	19257	20	9	2	1	-	-	-	-	1	-	-	-	1	-	-	-
ackney-road	29808	27	6	1	-	-	-	-	-	-	-	-	-	-	-	2	-
reen, Bethnal Green *WHL*†	42443	39	25	7	3	-	1	-	-	2	1	-	-	3	2	3	7
hurch, Bethnal Green	26574	23	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-
own, Bethnal Green	21375	17	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-
rtillery Whitechapel	6651	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
italfields	15844	8	3	1	-	-	-	-	-	-	-	-	1	1	-	-	-
ile End New Town *W*	15550	17	14	5	5	-	-	-	-	-	-	-	-	1	-	-	8
hitechapel North	11434	5	4	-	1	-	-	1	-	-	-	-	-	-	1	-	-
hitechapel Church H	7323	5	18	1	2	-	-	-	-	1	-	-	-	1	2	2	14
oodman's Fields	10381	7	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-
ldgate	9149	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Mary St. George East	17906	13	8	2	-	-	1	-	-	-	-	-	-	3	1	1	-
. Paul St. George East	21356	21	10	5	-	-	-	-	-	-	-	-	-	3	-	-	-
. John St. George East *W*	8973	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	4
adwell	11623	6	5	2	1	-	-	-	-	-	-	-	-	1	1	1	-
atcliff H	15930	6	6	2	1	-	1	-	-	1	-	-	-	2	-	-	1
mehouse *W*	30025	22	10	3	-	-	1	-	-	1	-	-	-	2	-	-	-
ile End Old Town West	38126	28	8	2	2	-	-	-	-	-	-	1	-	1	-	-	-
ile End Old Town East *WwH*	55020	35	18	4	2	-	-	-	-	1	-	-	-	2	1	2	2
ow *WwwHL*†	67777	54	25	12	3	1	-	-	-	-	-	-	-	-	2	2	3
oplar *WW*	48500	40	27	6	-	-	-	3	-	-	-	2	-	2	5	7	-
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	14	6	2	3	-	-	-	-	-	-	-	-	-	1	1	2
. Saviour Southwark H	15667	11	5	1	1	-	-	-	1	-	-	-	-	-	1	2	2
ent-road	20430	15	5	3	-	-	-	-	-	-	-	-	-	2	-	-	-
orough-road *WH*	16694	8	7	3	-	-	-	1	-	-	-	-	-	1	-	-	-
ondon-road L	18959	11	11	6	1	-	-	-	-	-	-	-	-	2	-	-	-
rinity Newington	23673	16	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
. Peter Walworth *W*	48232	39	7	4	-	-	-	-	-	-	-	-	-	2	-	-	-
. Mary Newington	16786	12	6	1	-	-	-	-	1	-	-	-	-	-	-	-	-
t. Olave Southwark H	4157	2	10	-	4	-	-	-	-	-	-	-	-	-	1	1	9
. John Horsleydown *W*	10595	8	5	1	1	-	-	-	-	-	-	-	-	1	-	-	2
eather Market	16785	13	7	2	-	-	-	-	-	-	-	1	-	-	-	-	-
. Mary Magdalen *W*	15707	20	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
. James Bermondsey	47921	50	21	10	1	-	1	-	-	-	-	-	-	3	-	-	-
otherhithe *W*	25873	17	16	6	2	-	1	1	-	1	-	-	-	1	1	1	-
aterloo-road 1st H	14086	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
aterloo-road 2nd H	18453	23	7	3	-	-	-	-	-	-	-	-	-	2	-	-	-
ambeth Church 1st H	19470	13	14	2	2	-	-	-	-	-	-	-	-	1	2	2	9
ambeth Church 2nd *W*	35831	36	12	1	3	1	-	-	-	-	-	-	-	1	-	-	5
ennington 1st *W*	41284	26	11	5	1	-	-	-	-	1	-	-	1	2	-	-	-
ennington 2nd	31213	16	5	4	-	-	-	-	-	1	-	-	-	1	-	-	-
rixton HL	35431	29	10	2	2	3	1	-	-	-	-	1	-	-	-	-	6
orwood *W*	12534	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lapham HL	27348	15	8	1	2	1	-	-	-	-	-	-	-	-	1	1	-
attersea *W*	53988	58	24	8	2	-	1	-	-	-	-	-	-	7	1	1	3
andsworth HL	19797	17	5	3	-	-	-	-	-	-	-	-	-	3	-	2	-
utney	9438	4	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-
reatham	14479	8	5	-	2	-	-	-	-	-	-	-	-	-	1	1	-
ulwich	4041	2	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-
amberwell *WL*†*L*†	31251	27	11	7	1	-	-	-	-	-	-	-	-	4	-	-	1
eckham *W*	42159	29	12	9	2	-	-	-	-	-	-	-	-	4	-	-	-
. George Camberwell	33851	23	15	4	5	-	-	-	-	1	-	-	-	1	-	2	-
. Paul Deptford	53696	36	19	10	2	-	-	-	-	-	-	-	-	2	-	-	-
. Nicholas Deptford	6487	1	4	1	-	-	-	-	-	-	-	1	-	-	-	-	-
reenwich West	21098	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
reenwich East *WH*	19320	9	11	3	3	-	-	-	-	1	-	-	-	1	1	1	5
ltham	4528	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16480	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *W*	11508	8	5	-	4	-	-	-	-	-	-	-	-	-	-	-	1
denham	19016	14	10	6	-	-	-	1	-	-	-	1	-	3	-	-	-
arlton H	9503	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1
oolwich Dockyard	17229	11	4	2	-	-	-	-	-	-	-	-	-	2	-	-	-
oolwich Arsenal H	18319	17	4	1	-	-	-	-	-	-	-	-	-	3	-	-	-
umstead, West	13028	7	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-
umstead, East *W*	15290	9	5	1	-	-	1	-	-	-	-	-	-	2	-	-	-

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Do. do. - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 31st AUGUST, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry, Highest.	Dry, Lowest.	Dry, Range in day.	Dry, Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	DIFFERENCE Between Dew Point and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point and Air Temperature. Greatest.	DIFFERENCE Between Dew Point and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface Is 5 in. above the ground.	Ozone.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	25	Last Qr.	29·937	79·7	54·8	24·9	67·3	56·9	133·0	47·0	67·0	65·0	10·4	18·4	0·5	+ 6·8	69	SW. & W.	SW. & SSW.	1·3	0·0	0·1	194	0·00	..
MONDAY. .	26	..	29·635	71·7	54·0	17·7	59·9	54·8	134·3	50·0	67·3	65·3	5·1	13·9	1·7	— 0·4	83	SW & WSW	WSW., W., & NW.	3·4	0·0	0·3	290	0·43	..
TUESDAY .	27	..	30·009	66·3	50·2	16·1	56·5	48·6	122·6	43·0	67·2	64·5	7·9	16·2	4·4	— 3·6	75	NNW. & N.	N.	5·4	0·0	0·8	386	0·00	..
WEDNESDAY	28	Greatest Dec. N.	30·098	72·6	45·0	27·6	57·8	52·2	109·5	35·9	66·6	64·5	5·6	18·4	1·8	— 2·1	82	N. & W.	W. & WSW.	0·4	0·0	0·0	172	0·00	..
THURSDAY.	29	..	29·887	74·3	52·6	21·7	61·8	54·6	143·6	44·3	65·8	61·0	7·2	16·3	1·5	+ 2·1	77	WSW. & W. by S.	WSW. & SW.	1·5	0·0	0·1	279	0·00	..
FRIDAY . .	30	Apogee	29·642	71·1	52·7	18·4	58·9	52·8	113·8	47·0	66·0	62·4	6·1	16·6	0·4	— 0·5	80	SW & WSW	WSW.	2·8	0·0	0·2	290	0·04	..
SATURDAY.	31	..	29·628	70·0	49·3	20·7	58·3	50·7	129·0	40·8	65·1	62·8	7·6	18·0	1·1	— 0·9	76	WSW., W., & NW.	WNW. & W. by S.	3·6	0·0	0·5	324	0·00	..
MEANS . .		..	29·834	72·2	51·2	21·0	60·1	52·9	126·5	41·1	66·4	63·6	7·1	16·8	1·6	+ 0·2	77	WSW.		..	..	..	Sum 1935	Sum 0·47	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. AUGUST.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	25	Moderate positive at night.	Cloudy, but very fine throughout.
MONDAY .	26	Strong positive, with sparks and galvanic currents at midday.	Rain fell heavily in early morning and again in the afternoon. The clouds very variable till night.
TUESDAY .	27	Positive, with weak tension in the morning.	Fine and almost cloudless in the morning and at night. Cloudy with brisk wind during the day.
WEDNESDAY	28	Strong positive at night.	Hazy, but cloudless and very fine throughout.
THURSDAY .	29	Positive, with variable tension.	Light clouds, though to large amounts, present till night; then cloudless.
FRIDAY .	30		Generally overcast till evening. Showers of rain fell in the morning and afternoon. Generally cloudless and very fine after 8 h. P.M.
SATURDAY .	31	Strong negative in the afternoon; weak positive at other times.	Variable amounts of cloud generally present. Fine. A little rain fell about 3 h. P.M. Brisk wind.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 30·09 in. at the beginning of the week to 29·58 in. by 3h. P.M. on the 26th; increased to 30·15 in. by 9h. A.M. on the 28th; decreased to 29·57 in. by 9h. A.M. on the 31st; and increased to 29·73 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
9th September 1872.

United Kingdom.

During the week ending Saturday last, 5080 *births* and 3417 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 18 per 1000 persons living, in Glasgow 24 per 1000, and in Dublin 24.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 29, Norwich 28, Bristol 24, Wolverhampton 20, Birmingham 27, Leicester 37, Nottingham 22, Liverpool 32, Manchester 32, Salford 33, Oldham 45, Bradford 24, Leeds 30, Sheffield 27, Hull 32, Sunderland 23, and Newcastle-upon-Tyne 32. Portsmouth is now the only one of these towns in which small-pox is epidemic; the 12 deaths referred to that disease last week were equal to an annual rate of 5 per 1000 persons estimated to be living in the town. The fatal cases of diarrhœa in the eighteen towns, which in the five previous weeks had steadily decreased from 966 to 608, further declined last week to 562; the annual death-rate from this disease averaged 4·6 per 1000 in these towns, and ranged from 2 per 1000 in London, to 8 in Salford, 9 each in Liverpool and Hull, 10 in Manchester, and 15 in Leicester.

The deaths from scarlet fever in Oldham, which in the five previous weeks had risen from 6 to 25, further rose to 27 last week; these deaths were equal to an annual rate of 17 per 1000 persons living.

London.

In London 2190 births and 1236 deaths were registered last week. The number of deaths was identical with that returned in the previous week. After making due allowance for increase of population, the births exceeded by 41, while the deaths were 222 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the five previous weeks had steadily decreased from 27 to 19 per 1000, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 17 per 1000 in the West, 19 in the North, 18 in the Central, 22 in the East, and 20 in the South groups of Districts.

The 1236 deaths included 6 from small-pox, 17 from measles, 10 from scarlet fever, 5 from diphtheria, 32 from whooping-cough, 16 from different forms of fever (of which 5 were certified as typhus, 8 as enteric or typhoid, and 3 as simple continued fever), and 134 from diarrhœa; thus to the seven principal diseases of the zymotic class 220 deaths were referred, against numbers declining from 620 to 259 in the five preceding weeks. The fatal cases of each of these zymotic diseases were below the average numbers in the corresponding week of the last ten years. All the 32 deaths from whooping-cough were of children under five years of age, including three in Clapham. Two of the five fatal cases of diphtheria occurred in Battersea. Only six deaths were referred to small-pox, against 15 and 8 in the two previous weeks, and of these, four were unvaccinated cases. The proportion of deaths from the principal zymotic diseases was excessive both in Clapham and Battersea sub-districts.

The mean temperature of the air in the week at the Royal Observatory, Greenwich, was 64°·5, and 6°·2 above the average for the corresponding week in 50 years. A considerable excess prevailed on each of the days except Sunday 1st; the warmest day was Tuesday, when the mean was 69°·5, and 11°·1 above the average. About the third of an inch of rain was measured in London, while in the Midland and Northern counties heavy rain fell; in Manchester the fall amounted to two inches and a half.

The fatal cases of diarrhœa, which in the five previous weeks had steadily declined from 484 to 156, further declined to 134 last week, which were 35

below the corrected average weekly number; of these, 118 were of children under 5 years of age, including 91 of infants under one year. The death-rate from diarrhœa in London was again lower than that which prevailed in any of the 17 other large English towns from which weekly returns are received.

To simple cholera, or choleraic diarrhœa, only 7 deaths were referred last week, against 12 and 13 in the two previous weeks; 3 were of children under five years of age. The details of the 4 other cases were:—The wife of a shoemaker, aged 56 years, in Ann's-place, Westminster, "choleraic diarrhœa, 2 days;" the wife of a joiner, aged 42 years, in Goldington-crescent, Somers Town, "cholera, about 3 days;" a house-painter, aged 44 years, in Adam's-place, Southwark, "choleraic diarrhœa;" and the daughter of a beer-retailer, aged 15 years, in Carleton-road, Islington, "morbus jecinoris, choleraic diarrhœa, 2 days."

To different forms of violence 39 deaths were referred; 33 were the result of negligence or accident, including 11 from fractures and contusions, one from burns or scalds, 11 from drowning, one from poison, and 6 from suffocation. Two cases of murder and 4 of suicide were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 67 cases of injury and maiming came under the notice of the Police within the London Registration area during the seven days ending 8th instant; of these, 62 occurred in the Metropolitan and 5 in the City Police Districts.

During the week 75 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 57 and 113 in the two preceding weeks; these showed a proportion to the total deaths of 6 per cent.

In the large Public Institutions 198 deaths were recorded, or 16 per cent. of the total deaths; of these 100 occurred in Workhouses and 92 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 13th August were 355, including 119 from remittent fever, and the annual death-rate was equal to 29 per 1000. In Calcutta 154 deaths were returned in the week ending July 13th. In Madras the 259 deaths in the week ending 19th July showed an annual death-rate equal to 34 per 1000.

Foreign Cities.

In Paris 844 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 24 per 1000 of the estimated population. In Brussels 96 deaths occurred in the week ending the 31st ultimo, and the annual death-rate was 27 per 1000. In Berlin during the week ending last Thursday, 496 deaths were recorded, showing an annual rate of 31 per 1000; 112 were referred to infantile diarrhœa and 23 to enteric fever. In Vienna the 355 deaths in the week ending 31st August gave an annual rate of 30 per 1000. In Rome 199 deaths were registered in the week ending 25th ultimo, and the annual death-rate was 42 per 1000.

In the City of New York 751 deaths were registered in the week ending August 17th, and the equivalent annual rate of mortality was 42 per 1000; to diarrhœal diseases 267 deaths were referred, against 203 in the previous week.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the highest reading was 29·77 in. on Sunday morning, September 1st, and the lowest 29·44 in. on Tuesday afternoon. The mean temperature of the *air* was 64°·5, or 6°·2 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Sunday 1st was 58°·2 and 0°·8 below the average, while a considerable excess prevailed on each of the six succeeding days; on Tuesday the mean was 69°·5, and 11°·1 above the average. The highest day temperature in the shade was 81°·4 on Tuesday, and the lowest night temperature 48°·3 on Sunday; the extreme range in the week was, therefore, 33°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 141°·8 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 8°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 64°. The mean degree of *humidity* of the air was 75, complete saturation being represented by 100. The general direction of the *wind* was S.S.W., and the horizontal movement of the air averaged 11 miles per hour. *Rain* fell on Sunday and Wednesday to the amount of ·33 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 60°·1 in Sheffield, to 62°·0 in Nottingham; the lowest recorded night temperature was 45°·0 in Norwich, and the highest day temperature in the shade 78°·1 in Nottingham. Rain was measured in each of these towns; the amounts varied from ·43 of an inch in Norwich to 2·52 inches in Manchester.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 220,635 cubic metres, and at Barking 285,294 cubic metres, equivalent to about as many tons by weight.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SIXTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1827	1863	1939	1905	1905	2038	1995	2127	1884	2055	1953·8	2190
Males . .	922	925	954	973	967	1064	991	1069	10·3	1027	989·5	1131
Females .	905	938	985	932	938	974	1004	1058	881	1028	964·3	1059
TOTAL **Deaths**	1179	1232	1352	1179	1335	1283	1352	1601	1322	1422	1325·7	1236
Males . .	635	629	689	595	648	657	684	773	687	727	672·4	605
Females .	544	603	663	584	687	626	668	828	635	695	653·3	631

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.
TOTAL **Deaths** - - -	1207	1230	1070	1193	1285	1467	1643	1695	1598	1445	1274	1236	1236
Deaths under 5 years of age -	449	470	416	518	628	765	950	997	940	725	622	569	573
Deaths 5—20 - - -	97	85	88	89	76	91	82	86	72	81	80	85	82
Deaths 20—40 - - -	211	198	163	197	172	188	175	185	168	175	151	197	175
Deaths 40—60 - - -	217	217	205	178	204	200	201	215	197	212	195	187	187
Deaths 60—80 - - -	189	215	167	173	163	187	192	172	186	209	180	163	180
Deaths at 80 years & upwards	44	45	30	38	42	36	43	40	35	43	46	35	39
Deaths from Small-pox - -	37	26	43	35	26	29	33	28	15	16	15	8	6
" " Measles - -	33	41	33	42	28	12	25	20	18	26	12	15	17
" " Scarlet fever -	12	9	11	17	12	3	7	6	12	15	12	13	10
" " Diphtheria -	3	6	—	3	3	5	5	5	6	4	3	3	5
" " Whooping-cough	41	53	44	46	58	60	50	49	37	36	35	34	32
" " Typhus fever -	1	2	2	3	4	4	3	4	3	5	2	2	5
" " Enteric (or Typhoid) fever -	12	11	14	10	11	9	14	17	12	16	16	20	8
" " SimpleContafever	9	10	4	6	5	10	4	7	7	6	7	8	3
" " Diarrhœa - -	16	25	37	61	148	258	394	484	441	270	197	156	134
" " Simple Cholera -	—	1	2	4	12	17	19	33	24	11	12	13	7
" " Phthisis - -	181	160	159	166	166	148	159	150	153	156	133	173	145
" " Bronchitis - -	100	108	60	72	67	66	65	56	51	68	63	72	85
" " Pneumonia -	53	52	41	36	50	53	40	37	44	41	44	35	53
" " Heart Disease -	64	70	62	68	57	66	64	72	61	63	70	44	51
Mean Temperature of the Air	57°·9	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5
Mean Temperature of the Water of the Thames -	58·8	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4	63·9	65·1	65·0	64·0
Humidity of the Air - -	80	69	72	66	78	83	81	82	86	72	72	77	75
Rain-fall in inches - -	0·33	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0·01	0·00	0·47	0·33

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; W. F. Denning, Esq., M.O.A.S., Bristol; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 7th day of September 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 7th Sept. 1872.	DEATHS registered during the Week ending 7th Sept. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C me
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5080	3417	81·4	43·0	60·3	15·72	1·57	3
LONDON	78,080	3,311,298	42·4	2190	1236	81·4	48·3	64·5	18·05	0·33	0
PORTSMOUTH	9,513	115,455	12·1	82	64	75·4	49·7	61·7	16·50	0·47	1
NORWICH	7,472	81,105	10·9	38	43	74·0	45·0	61·9	16·61	0·43	1
BRISTOL	4,688	186,428	39·8	119	84	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	46	27	74·0	46·8	61·3	16·28	0·93	2
BIRMINGHAM	7,831	350,164	44·7	240	180	75·7	49·6	61·8	16·56	1·47	3
LEICESTER	3,200	99,143	31·0	83	71	—	—	—	—	—	
NOTTINGHAM	1,996	88,225	44·2	55	38	78·1	46·8	62·0	16·67	0·78	1
LIVERPOOL	5,108	499,897	97·9	363	307	73·2	51·8	60·7	15·94	1·85	4
MANCHESTER	4,486	352,759	78·6	274	219	75·0	46·5	61·2	16·22	2·52	6
SALFORD	5,172	127,923	24·7	101	82	74·5	45·3	60·5	15·83	1·76	4
OLDHAM	4,167	84,004	20·2	64	73	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	98	70	73·8	51·2	61·2	16·22	1·57	3
LEEDS	21,572	266,564	12·4	221	152	—	—	—	—	—	
SHEFFIELD	22,830	247,847	10·9	176	129	74·0	50·7	60·1	15·61	1·91	4
HULL	3,562	124,976	35·1	97	77	76·0	47·0	60·6	15·89	1·17	2
SUNDERLAND	3,306	100,665	30·4	103	45	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	111	79	—	—	—	—	—	
EDINBURGH	4,427	205,146	46·3	107	69	61·0	46·7	53·8	12·11	2·60	6
GLASGOW	5,063	489,136	94·8	343	229	65·7	43·0	55·1	12·83	4·65	11
DUBLIN	9,745	310,565	31·9	169	143	71·9	43·5	58·6	14·78	1·08	2

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevs between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 7th day of September 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2976	1098	468	30	32	59	15	57	65	562	88	149
LONDON	19	1236	392	219	6	17	10	5	32	16	134	39	75
PORTSMOUTH	29	64	19	8	12	–	–	1	–	7	7	3	3
NORWICH	28	43	19	11	–	–	–	–	–	–	9	3	3
BRISTOL	24	84	30	18	1	1	–	–	–	1	10	4	5
WOLVERHAMPTON	20	27	6	2	–	1	4	–	–	1	9	–	–
BIRMINGHAM	27	180	70	28	5	–	4	2	3	7	47	3	9
LEICESTER	37	71	34	10	2	–	–	–	–	–	28	2	3
NOTTINGHAM	22	38	16	7	–	–	–	–	3	3	9	–	1
LIVERPOOL	32	307	143	47	–	8	2	2	5	4	89	9	11
MANCHESTER	32	219	90	32	–	–	3	1	2	5	66	8	12
SALFORD	33	82	36	14	–	–	3	–	1	1	19	2	3
OLDHAM	45	73	14	5	–	–	27	–	–	–	7	1	3
BRADFORD	24	70	30	6	–	2	1	–	1	1	11	1	2
LEEDS	30	152	66	19	3	2	3	–	3	3	40	1	3
SHEFFIELD	27	129	50	10	–	1	1	1	5	5	35	4	5
HULL	32	77	37	13	1	–	1	1	1	6	21	4	4
SUNDERLAND	23	45	17	9	–	–	–	1	–	2	7	1	2
NEWCASTLE-ON-TYNE	32	79	29	10	–	–	–	1	1	3	14	3	5
DUBLIN	24	143	25	32	5	6	2	–	–	–	15	2	3

TABLE 5.—DEATHS Registered in LONDON in the THIRTY-SIXTH Week of the Year 1872.

AUSES OF DEATH.	Average in the Thirty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 7, 1879. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	° 61·1	Mean Tem. ° 64·5	0–5.	5–20.				
LL CAUSES - -	1325·7	1236	573	82	175	187	180	39
PECIFIED CAUSES	1318·2	1233	571	82	175	187	179	39
YMOTIC DISEASES.								
ORDER 1.								
mall-pox - - -	20·1	6	3	1	1	1	-	-
leasles - - -	27·0	17	17	-	-	-	-	-
carlet Fever (Scarlatina)	83·4	10	6	3	1	-	-	-
iphtheria - - -	9·0	5	2	3	-	-	-	-
uinsy - - -	1·0	-	-	-	-	-	-	-
roup - - -	11·5	8	6	2	-	-	-	-
Whooping-cough - -	30·5	32	32	-	-	-	-	-
yphus - - -	51·0	5	1	4	-	-	-	-
nteric or Typhoid Fever		8	-	3	1	4	-	-
imple continued Fever		3	3	-	-	-	-	-
rysipelas - -	6·8	6	1	-	2	4	1	-
uerperal Fever (Metria)	3·3	2	-	-	1	1	-	-
arbuncle - - -	·7	-	-	-	-	-	-	-
nfluenza - - -	2·9	-	-	-	-	-	-	-
ysentery - - -	2·9	4	1	-	-	1	2	-
iarrhœa - - -	153·8	134	118	2	1	5	6	2
imple Cholera - -	25·2	7	3	1	-	3	-	-
ague - - -	·6	-	-	-	-	-	-	-
emittent Fever - -	·9	-	-	-	-	-	-	-
heumatism - -	6·0	5	-	4	1	-	-	-
ther *Zymotic* Diseases -	·3	-	-	-	-	-	-	-
ORDER 2.								
yphilis - - -	6·9	6	5	-	-	1	-	-
tricture of Urethra -	·9	3	-	-	2	1	-	-
ydrophobia - -	·1	-	-	-	-	-	-	-
landers - - -	·2	-	-	-	-	-	-	-
ORDER 3.								
rivation - - -	·4	-	-	-	-	-	-	-
ant of Breast-milk -	10·6	17	17	-	-	-	-	-
urpura and Scurvy -	1·5	2	2	-	-	-	-	-
ico- { a Del. Tremens	2·5	3	-	-	1	2	-	-
lism { b Intemperance -	·9	-	-	-	-	-	-	-
ORDER 4.								
hrush - - - -	6·1	6	6	-	-	-	-	-
Worms, &c. - - -	--	1	-	-	1	-	-	-
ONSTITUTIONAL DIS.								
ORDER 1.								
out - - - -	1·5	4	-	-	-	3	1	-
ropsy - - - -	11·9	7	3	-	-	1	3	-
ancer - - - -	26·0	40	1	-	7	18	14	-
ancrum Oris (Noma) -	·4	1	1	-	-	-	-	-
Mortification - - -	3·1	3	-	-	-	-	1	2
ORDER 2.								
crofula - - - -	8·2	8	7	-	1	-	-	-
abes Mesenterica -	31·2	39	39	-	-	-	-	-
hthisis - - -	153·1	145	9	17	70	41	8	-
ydrocephalus - -	25·7	14	10	4	-	-	-	-
. LOCAL DISEASES.								
ORDER 1.								
ephalitis - - -	12·6	25	14	7	1	3	-	-
poplexy - - -	32·3	28	7	2	1	6	11	1
aralysis - - -	25·7	17	-	-	-	3	12	2
nsanity - - -	1·5	4	-	-	2	-	2	-
horea - - - -	·2	-	-	-	-	-	-	-
pilepsy - - -	5·8	11	-	3	5	1	2	-
onvulsions - - -	41·2	39	39	-	-	-	-	-
Brain Disease, &c. -	15·0	10	1	2	-	3	4	-
ORDER 2.								
ericarditis - - -	1·4	5	-	1	1	2	1	-
neurism - - -	2·1	1	-	-	1	-	-	-
Heart Disease, &c. -	46·4	51	1	1	16	17	14	2
ORDER 3.								
aryngitis - - -	3·5	6	5	1	-	-	-	-
ronchitis - - -	53·1	85	36	-	3	11	30	5
leurisy - - -	1·9	4	-	-	1	2	1	-
neumonia - - -	41·1	53	27	4	11	3	7	1
sthma - - - -	4·1	5	-	-	1	-	3	1
Lung Disease, &c. -	9·7	10	5	-	2	1	2	-
ORDER 4.								
astritis - - - -	1·0	-	-	-	-	-	-	-
nteritis - - - -	6·1	9	5	1	-	3	-	-
eritonitis - - -	4·5	5	-	-	3	2	-	-
scites - - - -	3·3	2	-	-	-	1	-	1
lceration of Intestines -	3·0	6	1	1	1	2	1	-
ernia - - - -	2·9	3	1	-	1	1	-	-
leus - - - -	2·6	3	-	-	-	1	2	-
ntussusception - -	·7	1	-	1	-	-	-	-

CAUSES OF DEATH.	Average in the Thirty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 7, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature -	° 61·1	Mean Tem. ° 64·5	0–5.	5–20.				
9. Stricture of Intestines -	1·0	-	-	-	-	-	-	-
10. Fistula - - -	·5	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·1	6	-	1	2	2	1	-
12. *Pancreas Disease, &c.* -	--	-	-	-	-	-	-	-
13. Hepatitis - - -	2·6	1	-	-	-	1	-	-
14. Jaundice - - -	4·5	6	1	-	-	1	4	-
15. *Liver Disease, &c.* -	17·8	20	-	-	9	6	4	1
16. *Spleen Disease, &c.* -	·3	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - -	1·4	4	1	-	1	1	1	-
2. Ischuria - - -	·8	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	8·3	15	1	1	2	9	2	-
4. Diabetes - - -	·9	2	-	-	-	-	1	1
5. Calculus (Stone) - -	·6	1	-	-	-	-	1	-
6. Cystitis - - -	1·3	3	-	-	2	1	-	-
7. *Kidney Disease, &c.* -	6·6	9	-	1	1	5	2	-
ORDER 6.								
1. Ovarian Dropsy - -	·9	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	2·5	3	-	-	-	-	3	-
ORDER 7.								
1. Synovitis (Arthritis) -	--	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	5·3	10	-	4	3	2	1	-
ORDER 8.								
1. Phlegmon - - -	2·0	1	-	-	-	1	-	-
2. Ulcer - - - -	1·1	-	-	-	-	-	-	-
3. *Skin Disease, &c.* -	1·5	2	2	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	21·3	30	30	-	-	-	-	-
2. Cyanosis - - - -	1·8	5	5	-	-	-	-	-
3. Spina Bifida - - -	·7	1	1	-	-	-	-	-
4. Other Malformations -	1·6	1	1	-	-	-	-	-
5. Teething - - - -	10·3	6	6	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	--	1	-	-	-	1	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	6·2	3	-	-	3	-	-	-
ORDER 3.								
1. Old Age - - - -	39·7	43	-	-	-	-	23	20
ORDER 4.								
1. Atrophy and Debility -	79·3	85	77	2	-	-	6	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	14·2	11	3	2	4	2	-	-
2. Wounds { Gunshot -	·9	-	-	-	-	-	-	-
{ Cut, Stab -		-	-	-	-	-	-	-
3. Burns and Scalds - -	3·8	1	1	-	-	-	-	-
4. Poison - - - -	·9	1	-	-	-	1	-	-
5. Drowning - - -	7·4	11	-	3	7	-	1	-
6. Suffocation - - -	6·1	6	4	-	-	2	-	-
7. Otherwise - - -	2·7	3	1	-	1	1	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·6	2	2	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot -	·1	-	-	-	-	-	-	-
{ Cut, Stab -	·6	2	-	-	-	1	1	-
2. Poison - - - -	1·3	-	-	-	-	-	-	-
3. Drowning - - -	·9	1	-	-	-	1	-	-
4. Hanging - - -	1·2	-	-	-	-	-	-	-
5. Otherwise - - -	·9	1	-	-	-	1	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·6	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	2·3	1	-	-	-	-	1	-
Causes not specified or ill-defined - - - -	5·2	2	2	-	-	-	-	-

OTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2190	1236	392	219	6	17	10	5	32	5	8	3	134	39	75
WEST DISTRICTS	561,189	329	201	50	32	–	3	1	–	4	2	3	–	21	5	9
NORTH DISTRICTS	751,668	513	273	79	64	2	2	3	2	7	–	2	1	28	8	20
CENTRAL DISTRICTS	333,887	177	118	41	21	1	2	–	–	3	–	–	–	16	3	4
EAST DISTRICTS	638,928	476	261	93	33	2	7	3	1	2	2	1	1	28	13	21
SOUTH DISTRICTS	966,132	695	383	129	69	1	3	3	2	16	1	2	1	41	10	21
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	34	15	4	5	–	–	–	–	–	–	1	–	5	–	–
St. John Paddington H	38082	15	10	1	–	–	1	–	–	–	–	1	–	–	2	2
Kensington Town *WL*	91583	67	23	5	3	–	1	–	–	1	–	–	–	3	–	3
Brompton H	28651	15	8	–	1	–	–	–	–	1	–	–	–	–	1	–
St. Peter Hammersmith	6662	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	31	19	10	4	–	–	–	–	1	1	–	–	3	1	1
Fulham *WLLLL*	23378	23	11	3	1	–	–	–	–	–	–	–	–	4	1	1
Chelsea South HH	26419	13	11	4	–	–	–	–	–	–	–	–	–	1	–	1
Chelsea North-west *HWw*	23278	11	13	3	6	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	9	8	2	2	–	–	–	–	–	–	–	–	1	–	–
Hanover Square	18700	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	29	24	5	1	–	1	–	–	–	–	–	–	3	–	–
St. John Westminster HHH	38470	25	13	2	2	–	1	–	–	–	–	1	–	–	–	–
St. Margaret Westminster *WWHH*	27649	14	25	6	4	–	–	–	–	1	–	–	–	–	–	–
St. James's Square	10433	1	3	–	–	–	–	–	–	–	–	–	–	–	–	1
Golden Square *W*	12855	8	8	1	2	–	–	–	–	–	1	–	–	1	–	–
Berwick-street	10279	9	3	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	10	6	4	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	13	14	3	4	–	–	–	–	–	–	–	–	–	2	2
Cavendish Square	15419	4	4	1	1	–	–	–	–	–	–	–	–	1	–	–
Rectory Marylebone *WH*	26387	16	10	2	4	–	1	–	–	–	–	–	–	–	–	1
St. Mary Marylebone H	21795	20	8	2	3	–	–	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	26	8	3	3	–	–	–	–	1	–	–	–	1	–	–
St. John Marylebone	33110	16	5	1	1	–	–	–	–	–	–	–	1	–	–	–
Hampstead *WHHH*	32271	19	9	3	4	–	–	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	20	12	2	3	–	–	–	–	–	–	–	–	–	–	–
Tottenham-court *wH*	29360	11	18	2	4	–	–	–	–	–	–	–	–	1	–	1
Gray's Inn Lane H	29216	12	11	1	4	–	–	–	–	1	–	1	–	–	2	2
Somers Town	38562	16	11	4	3	–	–	–	–	1	–	–	–	3	–	–
Camden Town *W*	18066	19	8	3	1	–	–	–	–	–	–	–	–	1	–	2
Kentish Town *W*	68193	52	28	10	8	–	1	–	–	1	–	–	–	5	1	1
Islington West HHH	97801	84	42	13	6	–	–	1	–	1	–	–	–	6	3	9
Islington East *WwwH*	115948	84	38	19	5	–	–	–	1	2	–	–	–	6	–	–
Stoke Newington L	9810	11	6	2	–	–	–	–	–	–	–	–	–	1	–	–
Stamford Hill	6599	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	32	8	2	2	–	–	–	–	–	–	–	–	–	–	–
Hackney *WwHHL*	50087	37	22	3	7	2	–	1	1	–	–	1	–	1	–	2
South Hackney L	30305	13	11	3	1	–	1	–	–	–	–	–	–	2	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	8	4	1	3	–	–	–	–	–	–	–	–	1	–	–
St. Giles South *WH*	19089	9	9	3	3	–	–	–	–	–	–	–	–	2	1	1
St. Giles North	16497	17	8	6	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11826	7	9	2	2	–	–	–	–	–	–	–	–	2	–	–
Charing Cross H	9831	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	3	1	1	1	–	–	–	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	11	7	4	1	–	–	–	–	–	–	–	–	1	1	–
St. Andrew Eastern *W*	13628	6	9	2	2	–	–	–	–	–	–	–	–	2	–	–
Saffron Hill	9051	2	1	1	–	–	–	–	–	1	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	11	9	5	–	–	–	–	–	1	–	–	–	3	–	–
Amwell Clerkenwell	16878	11	5	–	1	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	10	5	2	2	–	–	–	–	–	–	–	–	–	1	1
Old-street H	12156	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	18	8	3	1	–	1	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	3	5	3	–	–	–	–	–	–	–	–	–	2	–	–
Finsbury	10732	4	4	1	–	–	–	–	–	–	–	–	–	1	–	1
St. Botolph East London HH	14484	9	3	2	–	–	–	–	–	1	–	–	–	–	–	–
Cripplegate	13639	7	4	1	1	–	1	–	–	–	–	–	–	–	–	1
St. Sepulchre H	7562	1	10	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Bride *W*	11184	6	4	2	2	–	–	–	–	–	–	–	–	2	–	–
Castle Baynard	4389	1	2	–	–	–	–	–	–	1	–	–	–	–	–	–
Christchurch	6308	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—
W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the Week ending Saturday, 7th September 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
Clerkenwell Shoreditch	12429	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch HL†	16545	2	5	1	-	-	-	-	-	-	-	-	-	-	1	2	-
Hoxton New Town *w*	27832	26	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-
Hoxton Old Town	26044	24	17	6	3	-	1	-	-	1	-	-	-	1	3	3	-
Haggerstone West *W*	24153	18	9	1	1	-	-	-	-	-	-	-	-	-	-	-	6
Haggerstone East	19257	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hackney-road	29808	21	8	5	1	-	-	-	-	-	-	-	-	1	-	-	-
Green, Bethnal Green *WHL*†	42443	35	24	10	5	1	-	-	-	-	-	-	-	4	-	-	1
Church, Bethnal Green	26574	12	11	2	2	1	-	-	-	-	-	-	-	-	-	-	-
Town, Bethnal Green	21375	24	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Artillery Whitechapel	6651	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Spitalfields	15841	11	5	3	-	-	1	-	-	-	-	-	-	-	-	-	-
Mile End New Town *W*	15550	11	12	4	2	-	-	-	-	-	-	-	-	3	-	2	5
Whitechapel North	11434	4	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Whitechapel Church H	7823	4	12	1	-	-	-	-	-	-	-	-	-	2	2	2	11
Woodman's Fields	10381	6	4	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Ratcliffe	9149	2	3	2	-	-	-	-	-	-	-	-	-	2	-	-	-
St. Mary St George East	17906	14	9	2	-	-	2	-	-	-	-	-	1	1	1	1	-
St. Paul St. George East	21356	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John St. George East *W*	8973	6	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Radwell	11623	9	3	2	1	-	-	-	-	-	-	-	-	1	-	1	-
Ratcliff H	15930	4	7	1	1	-	-	-	-	-	1	-	-	1	1	1	1
Limehouse *W*	30025	22	12	6	1	-	-	-	-	1	-	-	-	1	-	2	1
Mile End Old Town West	38126	33	17	6	3	-	1	-	1	-	-	-	-	1	-	1	-
Mile End Old Town East *WwH*	55020	50	19	6	4	-	1	-	-	-	1	-	-	4	-	-	2
Bow *WwwHL*†	67777	67	34	16	4	-	-	-	-	-	-	-	-	3	3	3	5
Poplar *WW*	48500	36	23	6	4	-	-	2	-	-	-	1	-	3	2	3	1
SOUTH DISTRICTS.																	
Christchurch Southwark *W*	14547	9	11	3	4	-	-	-	-	-	-	-	-	2	-	-	3
St. Saviour Southwark H	15667	6	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Kent-road	20480	10	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road *WH*	16694	14	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-
London road L	18959	19	8	2	2	-	-	-	-	-	-	-	-	1	-	-	-
Trinity Newington	23673	18	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth *W*	48232	20	20	5	6	-	-	-	-	1	-	-	-	2	-	-	11
St. Mary Newington	16786	9	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave Southwark H	4157	3	12	-	3	-	-	-	-	1	-	-	-	-	-	1	11
St. John Horsleydown *W*	10895	5	8	3	3	-	-	-	-	-	-	-	-	1	-	-	3
Leather Market	16785	13	8	3	-	-	-	-	-	1	-	-	-	1	-	-	-
St. Mary Magdalen *W*	15707	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Bermondsey	47921	55	21	7	2	-	-	1	-	2	-	-	1	-	-	-	-
Rotherhithe *W*	25873	16	10	-	4	-	-	1	-	-	-	-	-	2	-	1	-
Waterloo-road 1st H	14084	12	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-
Waterloo-road 2nd H	18453	14	11	5	1	-	-	-	-	-	-	-	-	1	1	1	-
Lambeth Church 1st H	19470	8	8	3	1	-	-	-	-	-	-	-	-	2	-	-	-
Lambeth Church 2nd *W*	35831	25	14	4	3	-	-	-	-	-	-	-	-	2	-	-	3
Lennington 1st *W*	41284	26	12	4	3	-	-	-	-	-	-	-	-	2	-	-	-
Lennington 2nd	31213	19	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Brixton HL	35431	25	14	6	1	-	-	1	-	-	-	-	-	3	-	-	-
Norwood *W*	12534	7	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Clapham HL	27343	18	15	7	-	1	2	-	-	3	-	1	-	1	-	-	-
Battersea *W*	53988	55	21	11	2	-	-	-	2	2	-	-	-	3	-	-	2
Wandsworth HL	10797	8	8	2	2	-	-	-	-	1	-	-	-	1	-	-	-
Putney	1428	5	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Streatham	14479	9	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Woolwich	4041	2	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Camberwell *WL*†*L*†	31251	16	12	-	5	-	-	-	-	1	-	-	-	1	-	-	8
Peckham *W*	42159	36	18	9	5	-	-	-	-	1	-	-	-	2	-	1	-
St. George Camberwell	33851	28	21	9	3	-	-	-	-	1	-	-	-	2	-	-	-
St. Paul Deptford	58696	44	14	7	2	-	-	-	-	-	-	-	-	3	-	-	-
St. Nicholas Deptford	6487	3	4	-	1	-	-	-	-	-	-	-	-	-	1	2	-
Greenwich West	21098	12	7	3	2	-	-	-	-	-	-	-	-	2	-	2	-
Greenwich East *WH*	13820	21	16	3	4	-	-	-	-	-	-	-	-	1	1	4	7
Eltham	4528	2	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Lee	16430	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham Village *W*	11508	14	7	1	1	-	-	-	-	-	-	1	-	2	2	-	-
Sydenham	19016	9	7	6	1	-	-	-	-	1	-	-	-	1	-	-	-
Charlton H	9503	7	4	2	1	-	-	-	-	-	-	-	-	-	1	1	-
Woolwich Dockyard	17229	11	6	2	-	-	1	-	-	-	-	-	-	-	1	2	-
Woolwich Arsenal H	18319	15	6	1	-	-	-	-	-	-	-	-	-	-	2	2	1
Plumstead West	13028	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead East *W*	15290	10	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Holborn Infirmary - ,, ,,
London City - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th SEPTEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	1	..	29·752	68·1	48·3	19·8	58·2	53·6	102·2	39·0	64·6	62·3	4·6	12·6	0·0	— 0·8	85	WSW.	SW.& SSW.	1·3	0·0	0·1	217	0·14	..
MONDAY .	2	..	29·682	76·7	58·2	18·5	66·6	54·7	129·0	57·2	64·2	62·3	11·9	19·9	1·7	+ 7·9	66	SW.& S.by W.	SSE. & SE.	1·2	0·0	0·1	193	0·00	..
TUESDAY .	3	New	29·473	81·4	58·5	22·9	69·5	59·3	137·4	51·0	64·6	62·7	10·2	21·8	2·7	+11·1	70	SSE.	S. by W. & S.	3·0	0·0	0·2	189	0·00	..
WEDNESDAY	4	..	29·456	76·9	62·2	14·7	68·0	62·1	122·0	57·9	65·2	63·4	5·9	12·4	2·2	+ 9·8	82	S. & SSE.	S. & SSW.	3·5	0·0	0·5	307	0·19	..
THURSDAY .	5	In Equator	29·656	74·6	58·0	16·6	64·3	55·2	133·9	52·0	65·4	63·4	9·1	18·0	1·1	+ 6·3	72	SSW, S, & SW.	SSW.&SSE.	2·8	0·0	0·5	282	0·00	..
FRIDAY .	6	..	29·674	74·2	54·8	19·4	62·6	55·2	141·8	47·8	65·6	63·4	7·4	15·8	1·4	+ 4·7	77	S. & SSW.	SW.& SSW.	2·8	0·0	0·4	282	0·00	..
SATURDAY .	7	..	29·689	73·8	56·0	17·8	62·2	54·6	136·0	47·2	65·6	63·6	7·6	16·3	0·8	+ 4·4	76	SW. & WSW.	WSW.	2·8	0·0	0·4	340	0·00	..
MEANS . .		..	29·626	75·1	56·6	18·5	64·5	56·4	128·9	50·3	65·0	63·0	8·1	16·7	1·4	+ 6·2	75	SSW.		..	..	..	Sum 1810	Sum 0·33	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. SEPTEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	1	Sunday to Friday no electricity shown at times of observation.	Generally overcast. Frequent heavy showers of rain fell after 1h. P.M.
MONDAY .	2		Very fine, with varying amounts of cloud till night; then overcast; a little rain fell occasionally.
TUESDAY .	3		Overcast and dull in the morning; fine, though cloudy, afterwards. Vivid flashes of lightning seen at night.
WEDNESDAY	4		A thunderstorm in early morning, with rain. Showers also fell occasionally during the day, and lightning was seen at night. Fine, though cloudy at times.
THURSDAY .	5		A very fine day. Somewhat cloudy during the morning. Nearly cloudless after noon. Windy. A few large drops of rain fell about 11.30h. P.M.
FRIDAY .	6		Heavy clouds prevalent till night; a little rain also fell. Generally cloudless after 8h. P.M.
SATURDAY .	7	A little weak positive in the afternoon.	Cloudy till night; then fine and cloudless.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·72 in. at the beginning of the week to 29·77 in. by 10h. A.M. on the 1st of September; decreased to 29·44 in. by 3h. P.M. on the 3d; and increased to 29·73 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
16*th September* 1872.

United Kingdom.

During the week ending Saturday last, 4901 *births* and 3433 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 18 per 1000 persons living, in Glasgow 25 per 1000, and in Dublin 26.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 28, Norwich 30, Bristol 25, Wolverhampton 26, Birmingham 23, Leicester 38, Nottingham 24, Liverpool 34, Manchester 31, Salford 34, Oldham 44, Bradford 25, Leeds 37, Sheffield 29, Hull 34, Sunderland 29, and Newcastle-upon-Tyne 22. The fatal cases of diarrhœa in these eighteen towns, which in the six previous weeks had steadily decreased from 966 to 562, further declined last week to 510; the annual death-rate from this disease averaged 4 per 1000 in these towns, and ranged from 1·6 and 1·9 per 1000 respectively in Sunderland and London, to 10 each in Salford, Leeds, and Leicester, and 11 in Norwich. Small-pox showed a declining fatality in Portsmouth last week, but caused a death-rate equal to 3 per 1000.

The epidemic of scarlet fever was still more fatal in Oldham last week; the deaths referred to this disease within the borough, which in the six previous weeks had risen from 6 to 27, further increased to 29 last week, equal to an annual rate of 18 per 1000 persons living.

London.

In London 2070 births and 1203 deaths were registered last week. After making due allowance for increase of population, the births were 129, and the deaths 199, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been so low as 19 per 1000 in each of the two preceding weeks, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 17 in the North, and 20 each in the Central, East, and South groups of Districts.

The 1203 deaths included 12 from small-pox, 9 from measles, 22 from scarlet fever, 2 from diphtheria, 26 from whooping-cough, 29 from different forms of fever (of which 3 were certified as typhus, 18 as enteric or typhoid, and 8 as simple continued fever), and 119 from diarrhœa; thus to the seven principal diseases of the zymotic class 219 deaths were referred, against numbers declining from 620 to 220 in the six preceding weeks. The fatal cases of each of these zymotic diseases were below the corrected average numbers in the corresponding week of the last ten years. All the 26 deaths from whooping-cough, including 4 in Kensington Town sub-district, were of children under five years of age. The fatal cases of scarlet fever showed an increase upon the low numbers returned in recent weeks, and included 3 in Poplar, and 2 each in Kensington Town, Kentish Town, St. James Clerkenwell, and Hoxton New Town sub-districts. The 12 deaths from small-pox, of which 7 occurred in the special hospitals at Stockwell and Homerton, and 2 in Bow sub-district, were double the number returned in the previous week; 5 were unvaccinated cases, 3 were said to be vaccinated, and 4 were "not stated" as to vaccination.

The mean temperature of the air in the week at the Royal Observatory, Greenwich, was 62°·7, and 5°·1 above the average for the corresponding week in 50 years. A considerable excess prevailed on each day of the week, and on Friday the mean was 66°·5, or 9°·2 above the average; on this day the thermometer in the shade registered 80°·9, and in the sun 141°·9.

The fatal cases of diarrhœa, which in the six previous weeks had steadily declined from 484 to 134, were but 119 last week, and 15 below the corrected

average weekly number; 107 were of children under 5 years of age, including 80 of infants under one year. The annual death-rate from diarrhœa in London did not exceed 1·9 per 1000 last week, while in the 18 large English towns it averaged 4·2.

Only 2 deaths were referred to simple cholera, or choleraic diarrhœa, against 13 and 7 in the two previous weeks:—A needle-woman, aged 25 years, on 10th, in Portobello-road, Notting-hill, to "English cholera"; and an infant, aged 10 weeks, in Mile-end-Old-Town Eastern, to "infantile cholera, 2 days."

The 1203 deaths included 232, or 19 per cent., of persons aged 60 years of age and upwards; of these, 35 were aged 80 years or more, and 6 had exceeded 90 years. A retired farmer died in Islington on 12th instant whose age was returned as 107 years.

To different forms of violence 52 deaths were referred; 48 were the result of negligence or accident, including 20 from fractures and contusions, 2 from burns and scalds, 11 from drowning, one from poison, and 9 from suffocation, the latter included 6 of infants under one year of age. Three deaths after amputations were returned. Three cases of suicide, and one of manslaughter, were registered during the week.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 57 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 15th instant; of these, 53 occurred in the Metropolitan, and 4 in the City Police Districts.

During the week 93 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 113 and 75 in the two preceding weeks; these showed a proportion to the total deaths of 8 per cent.

In the large Public Institutions 199 deaths were recorded, or 17 per cent. of the total deaths; of these, 98 occurred in Workhouses and 94 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 20th August were 392, including 156 from remittent fever, and the annual death-rate was equal to 32 per 1000. In Calcutta 213 deaths were returned in the week ending 27th July. In Madras the 282 deaths in the week ending July 26th showed an annual death-rate equal to 37 per 1000.

Foreign Cities.

In Paris 807 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 102 deaths occurred in the week ending the 7th instant, and the annual death-rate was 29 per 1000. In Berlin during the week ending last Thursday, 547 deaths were recorded, showing an annual rate of 34 per 1000; 136 were referred to infantile diarrhœa, and 42 to enteric fever. In Vienna the 344 deaths in the week ending 7th instant gave an annual rate of 29 per 1000. In Rome 190 deaths were registered in the week ending 1st instant, and the annual death-rate was 41 per 1000; 29 deaths resulted from fever.

In the City of New York 788 deaths were registered in the week ending August 24th, and the equivalent annual rate of mortality was 44 per 1000; to diarrhœal diseases 266 deaths were referred, against 203 and 267 in the two previous weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·90 in.; the highest reading was 30·15 in. on Friday morning, and the lowest 29·59 in. on Monday evening. The mean temperature of the *air* was 62°·7, or 5°·1 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on each day of the week, and on Friday was 66°·5, or 9°·2 above the average. The highest day temperature in the shade was 80°·9 on Friday, and the lowest night temperature 50°·3 on both Sunday and Tuesday; the extreme range in the week was, therefore, 30°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 141°·9 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 64°·6. The mean degree of *humidity* of the air was 82, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 13 miles per hour. *Rain* fell on Monday and Tuesday, to the amount of ·07 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 59°·3 in Newcastle, to 62°·3 in Bradford; the lowest recorded night temperature was 46°·2 in Wolverhampton, and the highest day temperature in the shade 78°·2 in Portsmouth. Rain was measured in each of these towns; the amounts varied from ·11 of an inch in Portsmouth, to ·99 of an inch in Salford.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 207,104 cubic metres, and at Barking 259,392 cubic metres, equivalent to about as many tons by weight.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-SEVENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1772	1923	1868	2089	2115	2058	2021	1944	1986	2211	1998·7	2070
Males . .	913	938	957	1054	1080	1044	1052	957	1002	1111	1010·8	1069
Females .	859	985	911	1035	1035	1014	969	987	984	1100	987·9	1001
TOTAL **Deaths**	1138	1257	1236	1204	1371	1262	1246	1409	1197	1422	1274·2	1203
Males . .	598	659	610	625	734	651	642	706	618	672	651·5	639
Females .	540	598	626	579	637	611	604	703	579	750	622·7	564

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.
TOTAL **Deaths** - - -	1230	1070	1193	1285	1467	1643	1695	1598	1445	1274	1236	1236	1203
Deaths under 5 years of age -	470	416	518	628	765	950	997	940	725	622	569	573	531
Deaths 5—20 - - -	85	88	89	76	91	82	86	72	81	80	85	82	82
Deaths 20—40 - - -	198	163	197	172	188	175	185	168	175	151	197	175	160
Deaths 40—60 - - -	217	206	178	204	200	201	215	197	212	195	187	187	198
Deaths 60—80 - - -	215	167	173	163	187	192	172	186	209	180	163	180	197
Deaths at 80 years & upwards	45	30	38	42	36	43	40	35	43	46	35	39	35
Deaths from Smallpox - -	26	43	35	26	29	33	28	15	16	15	8	6	12
„ „ Measles - -	41	33	42	28	12	25	20	18	26	12	15	17	9
„ „ Scarlet Fever -	9	11	17	12	3	7	6	12	15	12	13	10	22
„ „ Diphtheria -	6	—	3	3	5	5	5	6	4	3	3	5	2
„ „ Whooping-cough	53	44	46	58	60	50	49	37	36	35	34	32	26
„ „ Typhus fever -	2	2	3	4	4	3	4	3	5	2	2	5	3
„ „ Enteric (or Typhoid) fever -	11	14	10	11	9	14	17	12	16	16	20	8	18
„ „ Simple Cont^{d} fever	10	4	6	5	10	4	7	7	6	7	8	3	8
„ „ Diarrhœa - -	25	37	61	148	258	394	484	441	270	197	156	134	119
„ „ Simple Cholera -	1	2	4	12	17	19	33	24	11	12	13	7	2
„ „ Phthisis - -	160	159	166	166	148	159	150	153	156	133	173	145	133
„ „ Bronchitis - -	108	60	72	67	66	65	56	51	68	63	72	85	89
„ „ Pneumonia -	52	41	36	50	53	40	37	44	41	44	35	53	43
„ „ Heart Disease -	70	62	68	57	66	64	72	61	63	70	44	51	58
Mean Temperature of the Air	66°·5	60°·3	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5	62°·7
Mean Temperature of the Water of the Thames -	64·3	65·6	65·0	67·2	66·3	67·6	70·6	66·4	63·9	65·1	65·0	64·0	64·6
Humidity of the Air - -	69	72	66	78	83	81	82	86	72	72	77	75	82
Rain-fall in inches - -	0·19	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0 01	0·00	0·47	0·33	0·07

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S. :—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F,M.S., Leeds; Mr. E. Peak, Hull; and Wm, Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 14th day of September 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 14th Sept. 1872.	DEATHS registered during the Week ending 14th Sept. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4901	3433	80·9	46·2	60·8	16·00	0·60	1·
LONDON	78,080	3,311,298	42·4	2070	1203	80·9	50·3	62·7	17·06	0·07	0·
PORTSMOUTH	9,513	115,455	12·1	71	61	78·2	48·8	61·0	16·11	0·11	0·
NORWICH	7,472	81,105	10·9	41	46	75·0	50·0	60·7	15·94	0·16	0·
BRISTOL	4,688	186,428	39·8	145	90	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	41	34	73·1	46·2	60·3	15·72	0·19	0·
BIRMINGHAM	7,831	350,164	44·7	277	153	73·7	49·3	61·4	16·33	0·20	0·
LEICESTER	3,200	99,143	31·0	68	72	76·7	47·5	61·5	16·39	0·22	0·
NOTTINGHAM	1,996	88,225	44·2	51	41	77·4	48·4	62·1	16·72	0·20	0·
LIVERPOOL	5,108	499,897	97·9	368	321	73·0	53·3	60·9	16·06	0·63	1·
MANCHESTER	4,486	352,759	78·6	257	208	76·0	50·0	61·3	16·28	0·97	2·
SALFORD	5,172	127,923	24·7	102	83	73·4	47·8	60·1	15·61	0·99	2·
OLDHAM	4,167	84,004	20·2	56	71	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	105	72	73·3	52·3	62·3	16·83	0·68	1·
LEEDS	21,572	266,564	12·4	194	190	75·0	51·0	61·9	16·61	0·55	1·
SHEFFIELD	22,830	247,847	10·9	171	136	76·0	49·5	62·2	16·78	0·18	0·
HULL	3,562	124,976	35·1	89	81	73·0	48·0	59·7	15·39	0·53	1·
SUNDERLAND	3,306	100,665	30·4	58	55	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	102	54	70·0	51·0	59·3	15·16	0·82	2·
EDINBURGH	4,427	205,146	46·3	108	72	64·0	46·7	56·3	13·50	1·60	4·
GLASGOW	5,063	489,136	94·8	373	236	65·5	48·2	57·4	14·11	1·86	4·
DUBLIN	9,745	310,565	31·9	154	154	77·4	48·0	62·7	17·06	0·90	2·

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preva between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 14th day of September 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	
Total of 18 TOWNS	24	2971	1006	457	34	19	95	6	47	102	510	114	189	3
LONDON	19	1203	348	232	12	9	22	2	26	29	119	52	93	1
PORTSMOUTH	28	61	18	11	7	–	–	3	–	4	11	1	3	
NORWICH	30	46	23	6	–	–	1	–	1	4	17	4	4	
BRISTOL	25	90	33	10	5	–	1	1	1	2	10	9	10	
WOLVERHAMPTON	26	34	8	9	–	–	3	–	–	–	6	2	2	
BIRMINGHAM	23	153	54	18	2	–	14	–	1	4	38	6	12	
LEICESTER	38	72	32	9	–	1	–	–	1	7	19	2	2	
NOTTINGHAM	24	41	12	6	–	–	–	–	–	2	10	2	4	
LIVERPOOL	34	321	140	45	–	7	10	–	7	10	79	12	22	
MANCHESTER	31	208	67	27	1	–	7	–	1	5	47	6	16	
SALFORD	34	83	33	3	–	–	–	–	1	5	24	1	2	
OLDHAM	44	71	16	4	1	–	29	–	1	3	6	–	1	
BRADFORD	25	72	31	12	1	–	2	–	–	2	12	1	–	
LEEDS	37	190	88	21	–	1	2	–	3	10	49	5	7	1
SHEFFIELD	29	136	41	13	3	1	4	–	3	3	30	3	3	1
HULL	34	81	31	9	2	–	–	–	–	7	20	–	–	
SUNDERLAND	29	55	13	12	–	–	–	–	1	2	3	5	5	
NEWCASTLE-ON-TYNE	22	54	18	10	–	–	–	–	–	3	10	3	3	
DUBLIN	26	154	43	26	4	4	5	1	1	8	13	1	1	5

Table 5. Deaths Registered in London in the Thirty-seventh Week of the Year 1872.

Causes of Death.	Average in the Thirty-seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 14, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	59·0	62·7						
ALL CAUSES – –	1274·2	1203	531	82	160	198	197	35
SPECIFIED CAUSES	1262·9	1200	529	82	160	198	196	35
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	16·9	12	3	6	3	–	–	–
Measles – – –	20·5	9	9	–	–	–	–	–
Scarlet Fever (Scarlatina)	82·8	22	18	4	–	–	–	–
Diphtheria – – –	10·7	2	–	1	1	–	–	–
Quinsy – – –	·9	–	–	–	–	–	–	–
Croup – – –	11·3	16	14	2	–	–	–	–
Whooping-cough – –	26·8	26	26	–	–	–	–	–
Typhus – – –	53·6	3	–	1	–	1	1	–
Enteric or Typhoid Fever		18	2	7	3	4	2	–
Simple continued Fever –		8	1	1	–	2	4	–
Erysipelas – – –	6·2	2	–	–	1	1	–	–
Puerperal Fever (Metria)	3·2	4	–	–	4	–	–	–
Carbuncle – – –	1·0	1	–	–	1	–	–	–
Influenza – – –	·1	–	–	–	–	–	–	–
Dysentery – – –	2·6	3	–	–	2	1	–	–
Diarrhœa – – –	121·5	119	107	1	1	2	8	–
Simple Cholera – –	25·0	2	1	–	1	–	–	–
Ague – – –	·3	1	–	–	1	–	–	–
Remittent Fever –	·3	–	–	–	–	–	–	–
Rheumatism – – –	8·5	8	1	2	2	1	2	–
Other *Zymotic* Diseases –	·4	1	1	–	–	–	–	–
Order 2.								
Syphilis – – –	6·0	8	6	–	1	1	–	–
Stricture of Urethra –	·7	2	–	–	–	–	1	1
Hydrophobia – –	·1	–	–	–	–	–	–	–
Glanders – – –	–	–	–	–	–	–	–	–
Order 3.								
Privation – – –	·5	–	–	–	–	–	–	–
Want of Breast-milk	9·8	16	16	–	–	–	–	–
Purpura and Scurvy –	1·3	–	–	–	–	–	–	–
Alcoholism { *a* Del. Tremens	2·4	4	–	–	3	1	–	–
Alcoholism { *b* Intemperance –	1·5	1	–	–	–	1	–	–
Order 4.								
Thrush – – –	4·3	10	10	–	–	–	–	–
Worms, &c. – –	·3	1	–	–	1	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – –	1·5	1	–	–	–	–	1	–
Dropsy – – –	12·3	5	2	–	–	2	1	–
Cancer – – –	29·1	37	–	–	3	22	12	–
Cancrum Oris (Noma) –	·3	–	–	–	–	–	–	–
Mortification – –	3·3	2	–	–	–	–	1	1
Order 2.								
Scrofula – – –	7·7	15	9	3	2	–	–	1
Tabes Mesenterica –	29·8	34	30	4	–	–	–	–
Phthisis – – –	146·2	133	11	10	58	48	6	–
Hydrocephalus –	22·2	18	16	2	–	–	–	–
LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	12·2	20	15	2	1	2	–	–
Apoplexy – – –	28·9	35	3	2	4	13	13	–
Paralysis – – –	22·6	23	–	–	1	5	13	4
Insanity – – –	2·3	1	–	–	–	1	–	–
Chorea – – –	·1	–	–	–	–	–	–	–
Epilepsy – – –	6·2	9	–	2	5	1	1	–
Convulsions – – –	40·8	27	26	1	–	–	–	–
Brain Disease, &c. – –	15·5	14	1	–	2	2	9	–
Order 2.								
Pericarditis – –	1·8	2	–	1	–	–	1	–
Aneurism – – –	1·9	2	–	–	2	–	–	–
Heart Disease, &c. – –	51·9	58	–	6	14	23	15	–
Order 3.								
Laryngitis – – –	4·2	3	3	–	–	–	–	–
Bronchitis – – –	59·0	89	37	1	1	12	31	7
Pleurisy – – –	2·3	3	1	–	–	1	1	–
Pneumonia – – –	41·1	43	27	–	5	6	5	–
Asthma – – –	3·7	7	–	–	–	1	6	–
Lung Disease, &c. – –	9·5	10	5	–	–	2	3	–
Order 4.								
Gastritis – – –	1·3	1	–	–	–	1	–	–
Enteritis – – –	5·7	6	3	1	–	1	1	–
Peritonitis – – –	6·1	14	1	3	4	3	3	–
Ascites – – –	2·4	5	–	–	–	2	3	–
Ulceration of Intestines –	2·7	2	–	–	1	–	1	–
Hernia – – –	3·2	2	–	–	2	–	–	–
Ileus – – –	3·0	4	–	–	1	–	3	–
Intussusception –	·7	–	–	–	–	–	–	–
Mean Temperature –	59·0							
9. Stricture of Intestines –	1·1	1	–	–	–	1	–	–
10. Fistula – – –	·2	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·4	3	1	–	–	1	1	–
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – –	3·5	4	–	–	2	2	–	–
14. Jaundice – – –	4·1	3	2	–	–	1	–	–
15. *Liver Disease, &c.* – –	15·2	19	–	1	2	12	4	–
16. *Spleen Disease, &c.* –	·4	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – –	·6	–	–	–	–	–	–	–
2. Ischuria – – –	·2	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·0	13	1	1	3	5	3	–
4. Diabetes – – –	·9	–	–	–	–	–	–	–
5. Calculus (Stone) – –	·6	–	–	–	–	–	–	–
6. Cystitis – – –	1·3	2	–	–	–	–	2	–
7. *Kidney Disease, &c.* – –	7·6	7	–	–	1	2	2	2
Order 6.								
1. Ovarian Dropsy – –	·7	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* – –	3·4	4	–	–	1	1	2	–
Order 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	3·9	6	1	4	1	–	–	–
Order 8.								
1. Phlegmon – – –	1·7	4	1	2	–	1	–	–
2. Ulcer – – –	1·0	–	–	–	–	–	–	–
3. *Skin Disease, &c.* –	1·4	2	2	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	18·5	33	33	–	–	–	–	–
2. Cyanosis – – –	2·2	5	5	–	–	–	–	–
3. Spina Bifida – –	1·0	–	–	–	–	–	–	–
4. Other Malformations –	1·3	2	2	–	–	–	–	–
5. Teething – – –	12·1	8	8	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·3	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	6·6	3	–	–	3	–	–	–
Order 3.								
1. Old Age – – – –	39·2	44	–	–	–	–	26	18
Order 4.								
1. Atrophy and Debility –	72·1	61	55	–	2	1	3	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	16·4	20	2	2	4	7	4	1
2. Wounds { Gunshot –	·6	–	–	–	–	–	–	–
2. Wounds { Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	3·2	2	2	–	–	–	–	–
4. Poison – – –	·9	1	–	–	1	–	–	–
5. Drowning – – –	7·7	11	–	8	2	1	–	–
6. Suffocation – – –	5·3	9	6	–	3	–	–	–
7. Otherwise – – –	3·0	5	2	1	2	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·1	1	1	–	–	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
1. Wounds { Cut, Stab –	·8	2	–	–	1	–	1	–
2. Poison – – –	1·5	–	–	–	–	–	–	–
3. Drowning – – –	·8	1	–	–	1	–	–	–
4. Hanging – – –	1·4	–	–	–	–	–	–	–
5. Otherwise – – –	·3	–	–	–	–	–	–	–
Order 5. (Execution.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	2·1	1	–	–	–	–	1	–
Causes not specified or ill-defined – – –	9·2	2	2	–	–	–	–	–

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2070	1203	348	232	12	9	22	2	26	3	18	8	119	52	93
WEST DISTRICTS	561,189	270	188	53	40	–	1	5	–	8	–	–	2	19	6	14
NORTH DISTRICTS	751,663	474	242	64	51	3	–	4	1	7	–	6	1	22	8	24
CENTRAL DISTRICTS	333,887	201	137	34	25	–	1	2	–	2	1	–	1	16	9	9
EAST DISTRICTS	638,928	475	260	71	53	4	4	6	–	3	–	4	1	21	16	27
SOUTH DISTRICTS	966,132	650	376	126	63	5	3	5	1	6	2	8	3	41	13	19
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	37	21	6	3	–	–	–	–	1	–	–	–	–	–	2
St. John Paddington H	38082	8	13	–	3	–	–	–	–	–	–	–	–	–	1	2
Kensington Town *WL*	91583	63	27	7	4	–	–	2	–	4	–	–	1	1	2	4
Brompton H	28651	11	9	4	2	–	–	–	–	–	–	–	–	2	–	–
St. Peter Hammersmith	6662	5	4	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	21	15	5	1	–	–	1	–	–	–	–	–	5	1	2
Fulham *WLLLL*	23378	11	10	4	–	–	–	–	–	–	–	–	–	2	–	–
Chelsea South HH	26419	8	11	4	4	–	–	–	–	1	–	–	–	1	–	–
Chelsea North-west H*Ww*	23278	12	10	4	2	–	–	–	–	–	–	–	1	1	–	–
Chelsea North-east L	21389	9	3	1	1	–	–	–	–	–	–	–	–	1	–	–
Hanover Square	18700	5	7	1	3	–	–	–	–	1	–	–	–	–	–	1
May Fair *W*	13020	3	1	–	–	–	–	–	–	1	–	–	–	–	–	–
Belgrave HH	58043	19	21	6	4	–	–	1	–	–	–	–	–	2	–	–
St. John Westminster HHH	38470	26	12	3	3	–	1	–	–	–	–	–	–	2	1	2
St. Margaret Westminster *WW*HH	27640	11	11	5	3	–	–	–	–	–	–	–	–	1	–	1
St. James's Square	10453	5	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	6	4	1	2	–	–	–	–	–	–	–	–	1	1	–
Berwick-street	10279	2	3	1	1	–	–	1	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	8	3	–	1	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	14	9	3	2	–	–	–	–	–	–	–	–	–	–	–
Cavendish Square	15419	1	2	–	1	–	–	–	–	1	–	–	–	–	1	–
Rectory Marylebone *WH*	26387	19	16	2	9	–	–	–	–	1	–	–	–	–	–	–
St. Mary Marylebone H	21795	10	5	1	–	–	–	–	–	1	–	–	–	–	1	2
Christchurch Marylebone	33892	18	7	1	3	–	–	–	–	1	–	–	–	1	–	–
St. John Marylebone	33110	22	11	3	2	1	–	–	–	–	–	–	–	1	1	3
Hampstead *WHHH*	32271	14	7	1	–	–	–	–	–	–	–	1	–	1	–	–
Regent's Park Pancras	38192	16	8	1	2	–	–	–	–	1	–	–	–	1	–	–
Tottenham-court *w*H	29360	17	10	3	1	–	–	–	–	–	–	–	–	2	3	3
Gray's Inn Lane H	29216	13	8	–	1	–	–	1	–	–	–	1	–	–	–	1
Somers Town	38562	38	17	5	4	–	–	1	–	1	–	1	–	1	–	1
Camden Town *W*	18068	14	9	4	3	–	–	–	–	–	–	–	–	1	–	–
Kentish Town *W*	68198	49	27	2	8	–	–	2	–	1	–	1	–	–	–	1
Islington West HHH	97801	65	36	15	5	–	–	–	–	1	–	2	–	2	2	5
Islington East *Ww*H	115948	71	34	12	8	–	–	–	–	–	–	–	–	6	–	5
Stoke Newington L	9810	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	9	1	1	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	27	13	3	–	–	–	–	–	–	–	–	–	2	–	1
Hackney *Ww*HHL	50087	30	14	3	1	2	–	–	1	–	–	–	–	1	–	1
South Hackney L	30305	23	7	4	1	–	–	–	–	–	–	–	1	3	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	9	1	4	–	–	–	–	–	–	–	–	1	1	1
St. Giles South *WH*	19089	10	9	2	2	–	–	–	–	–	–	–	–	3	–	–
St. Giles North	16497	8	9	2	3	–	–	–	–	–	–	–	–	2	–	–
Long Acre	11326	7	12	4	–	–	–	–	–	–	–	–	–	4	–	–
Charing Cross H	9831	2	7	2	–	–	–	–	–	–	–	–	–	1	1	2
St. Mary-le-Strand	9376	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	4	6	1	–	–	–	–	–	–	–	–	–	1	2	1
St.George-the-Martyr HHH	20521	19	6	3	1	–	–	–	–	–	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	4	7	–	2	–	–	–	–	–	–	–	–	–	1	–
Saffron Hill	9051	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	15	5	1	–	–	–	2	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	8	3	1	–	–	–	–	–	–	–	–	–	1	–	1
Pentonville	13293	12	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	8	7	2	3	–	–	–	–	–	–	–	–	1	–	–
Old-street H	12156	7	3	–	1	–	–	–	–	–	–	–	1	–	–	–
City-road *WH*HL	18291	23	5	1	1	–	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	18	6	4	–	–	–	–	–	1	–	–	–	–	1	1
Finsbury	10732	3	2	1	–	–	1	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	10	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	7	5	2	1	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	1	16	1	4	–	–	–	–	1	–	–	–	1	1	1
St. Bride *W*	11184	6	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	3	2	–	1	–	–	–	–	–	–	–	–	–	1	1
Christchurch	6308	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	3	3	1	–	–	–	–	–	1	–	–	–	1	1	1
Broad Street	7838	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ırday, 14th September 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch	12429	6	4	1	1	-	-	-	-	-	-	-	-	-	-	1	-
Leonard Shoreditch HL†	16545	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
cton New Town w	27832	25	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
cton Old Town	26944	17	13	4	2	-	-	-	-	-	-	1	-	-	1	1	-
ggerstone West W	24153	23	16	2	6	1	-	1	-	-	-	1	-	-	2	4	4
ggerstone East	19257	13	9	3	2	-	-	-	-	-	-	-	-	-	3	3	1
ckney-road	29808	24	12	4	2	-	-	-	-	-	-	-	-	1	-	-	-
en, Bethnal Green WHL†	42443	35	10	3	2	-	-	-	-	1	-	-	-	3	-	-	1
rch, Bethnal Green	26574	11	10	2	3	1	-	-	-	-	-	-	-	1	-	-	-
n, Bethnal Green	21375	9	7	5	1	-	-	-	-	-	-	-	-	3	-	-	-
illery Whitechapel	6651	8	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-
alfields	15844	13	4	4	-	-	-	-	-	-	-	-	-	-	-	1	-
e End New Town W	15550	11	12	2	4	-	1	-	-	1	-	-	-	1	-	-	6
itechapel North	11434	6	4	2	-	-	-	-	-	-	-	-	-	1	-	1	-
itechapel Church H	7323	4	25	1	2	-	-	-	-	-	-	-	-	1	6	6	20
dman's Fields	10381	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	9149	5	5	2	2	-	-	-	-	-	-	-	-	1	-	1	-
Mary St. George East	17906	13	8	5	-	-	-	-	-	-	-	-	-	-	2	2	-
Paul St. George East	21356	16	6	1	-	-	-	-	-	-	-	-	-	1	-	-	-
John St. George East W	8973	8	11	1	4	-	-	-	-	-	-	-	-	1	-	-	9
dwell	11623	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cliff H	15930	15	5	2	1	-	1	-	-	-	-	-	-	2	-	-	1
house W	30025	22	10	4	-	-	1	-	-	-	-	-	-	1	-	-	-
le End Old Town West	38126	33	15	7	4	-	-	-	-	1	-	-	1	1	-	-	-
le End Old Town East WwH	55020	43	14	3	4	-	1	-	-	-	-	-	-	1	-	2	1
w WwwHL†	67777	55	28	6	8	2	-	-	-	-	-	2	-	1	1	1	8
plar WW	48500	42	18	3	3	-	-	3	-	-	-	-	-	1	1	3	-
SOUTH DISTRICTS.																	
ristchurch Southwark W	14547	9	4	1	-	-	1	-	-	-	-	-	-	-	1	1	-
Saviour Southwark H	15667	11	9	3	2	-	-	-	-	-	-	-	-	1	-	-	-
nt-road	20430	13	8	2	-	-	-	1	-	-	1	-	-	1	-	-	-
rough-road WH	16694	8	8	1	3	-	-	-	-	-	-	-	-	2	-	1	2
ndon-road L	18959	9	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-
nity Newington	23673	18	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth W	48232	45	22	6	5	-	-	-	-	1	-	1	-	3	-	-	6
Mary Newington	16786	8	6	2	2	-	-	-	-	-	-	-	1	-	-	-	-
Olave Southwark H	4157	2	9	-	1	-	-	-	-	-	-	1	-	-	-	-	9
John Horsleydown W	10595	11	4	1	2	-	-	-	-	-	-	1	-	-	-	-	-
ather Market	16785	21	8	4	-	-	-	-	-	-	-	-	1	1	-	1	-
Mary Magdalen W	15707	7	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-
James Bermondsey	47921	38	19	7	5	-	-	1	-	1	-	-	-	2	-	-	-
therhithe W	25873	11	12	3	1	-	-	-	-	-	-	-	-	2	2	2	-
aterloo-road 1st H	14086	9	16	11	-	-	1	-	-	-	-	-	-	1	1	1	-
aterloo-road 2nd H	18453	16	11	5	1	-	-	-	1	-	-	-	-	3	-	1	-
mbeth Church 1st H	19470	16	16	4	2	-	-	-	-	-	-	-	-	2	1	2	8
mbeth Church 2nd W	35831	27	17	10	1	-	-	-	-	-	-	-	-	1	-	-	7
nnington 1st W	41284	29	18	8	1	-	-	-	-	1	-	-	-	2	-	-	-
nnington 2nd	31213	15	9	2	3	-	-	-	-	-	-	-	-	1	-	-	-
ixton HL	35431	26	15	5	-	5	-	-	-	-	-	1	-	3	-	-	6
rwood W	12534	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
apham HL	27848	19	7	3	1	-	1	-	-	-	-	1	-	2	-	-	-
ttersea W	53988	37	18	3	6	-	-	-	-	1	1	1	-	-	1	2	1
andsworth HL	19797	11	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
tney	9438	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14479	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mberwell WL†L†	31251	22	19	6	3	-	-	1	-	-	-	-	1	2	-	-	9
ckham W	42159	38	15	7	2	-	-	-	-	2	-	-	-	2	1	3	-
George Camberwell	33851	27	9	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Paul Deptford	53696	52	17	4	5	-	-	-	-	-	-	-	-	2	4	4	-
Nicholas Deptford	6487	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21093	12	9	4	2	-	-	-	-	-	-	-	-	2	-	-	-
eenwich East WH	19320	11	9	2	2	-	-	-	-	-	-	-	-	1	-	-	5
tham	4528	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	4	5	2	3	-	-	-	-	-	-	-	-	2	-	-	-
wisham Village W	11508	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1
denham	19016	6	3	1	-	-	-	1	-	-	-	1	-	-	-	-	-
arlton H	9503	2	4	-	-	-	-	1	-	-	-	-	-	-	-	-	3
oolwich Dockyard	17229	2	6	1	2	-	-	-	-	-	-	-	-	-	1	-	-
oolwich Arsenal H	18319	10	6	3	-	-	-	-	-	-	-	1	-	-	-	-	-
umstead, West	13028	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
umstead, East W	15290	13	4	4	-	-	-	-	-	-	-	-	-	2	-	-	-

e following are OUTLYING WORKHOUSES (indicated in the Tables by w):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14th SEPTEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest
September.			in.	°	°	°	°	°	°	°	°	°
Sunday . .	8	..	29·798	69·6	50·3	19·3	59·6	49·9	123·7	40·2	66·2	64·0
Monday . .	9	..	29·667	68·1	54·8	13·3	61·2	55·3	95·5	48·7	65·2	63·0
Tuesday .	10	First Qr.	29·789	69·8	50·3	19·5	59·1	52·6	130·8	42·0	65·4	63·4
Wednesday	11	..	29·868	75·7	59·3	16·4	65·9	62·3	119·8	56·3	65·6	63·6
Thursday.	12	Greatest Dec. S.	30·052	76·0	57·5	18·5	64·6	57·9	138·2	53·5	65·2	64·0
Friday . .	13	..	30·124	80·9	54·2	26·7	66·5	60·7	141·9	45·5	65·6	63·6
Saturday.	14	..	29·983	71·9	52·4	19·5	61·9	59·8	95·3	50·7	65·6	63·4
Means . .		..	29·897	73·1	54·1	19·0	62·7	56·9	120·7	48·1	65·5	63·6
No. of Columns		3	4	5	6	7	8	9	10	11	12	13

Difference Between Dew Point Temperature and Air Temperature. Mean daily value.	Difference Between Dew Point Temperature and Air Temperature. Greatest.	Difference Between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
9·7	17·3	0·4	+ 1·8	70	W. by S. & W.	WNW.WSW.& SW.	1·0	0·0	0·1	218	0·00	..
5·9	12·2	1·5	+ 3·5	81	SSW.	SW. & W.	2·9	0·0	0·6	341	0·06	..
6·5	14·4	0·6	+ 1·4	79	WSW.& W.	WSW.& SW.	2·1	0·0	0·3	310	0·01	..
3·6	10·2	1·3	+ 3·3	88	WSW.	WSW.	3·4	0·1	0·8	440	0·00	..
6·7	15·3	3·8	+ 7·1	79	WSW.	W. WNW. & WSW.	2·5	0·0	0·5	377	0·00	..
5·8	18·9	0·4	+ 9·2	82	WSW.& W.	NW. W. & WSW.	0·5	0·0	0·0	209	0·00	..
2·1	9·5	0·4	+ 4·7	93	WSW.& W.	WNW.& W.	1·4	0·0	0·2	274	0·00	..
5·8	14·0	1·2	+ 5·1	82	WSW.		..	..	..	Sum 2169	Sum 0·07	..
14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. September.		ELECTRICITY.	SKY AND ATMOSPHERE.
Sunday .	8	Weak positive at night.	Very fine, though hazy in the morning. Cloudy and foggy after mid-day. Dull.
Monday .	9	No electricity shown.	Overcast and dull throughout. Rain fell in the evening. Windy.
Tuesday .	10	Positive, with moderate tension at night.	Fine, with light clouds, in early morning. Cloudy, and a little rain fell during the day.
Wednesday	11		Fine, with variable amounts of cloud till night. A comparatively cloudless sky after 7h. P.M.
Thursday .	12		Nearly overcast till noon. Fine and cloudless at times after 3h. P.M.
Friday .	13	Positive, with variable tension.	Misty and hazy generally. Light clouds generally prevalent. Fine.
Saturday .	14	Weak positive was shown at night.	Generally cloudy. Misty in the morning.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·73 in. at the beginning of the week to 29·82 in. by 10h. P.M. on the 8th; decreased to 29·59 in. by 9h. P.M. on the 9th; increased

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
23rd September 1872.

United Kingdom.

During the week ending Saturday last, 5205 *births* and 3291 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 22 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 22.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 17 per 1000; Portsmouth 24, Norwich 26, Bristol 21, Wolverhampton 34, Birmingham 28, Leicester 36, Nottingham 29, Liverpool 30, Manchester 31, Salford 30, Oldham 43, Bradford 32, Leeds 32, Sheffield 27, Hull 32, Sunderland 25, and Newcastle-upon-Tyne 26. The fatal cases of diarrhœa in these eighteen towns, which in the seven previous weeks had steadily decreased from 966 to 510, further declined last week to 453; the annual death-rate from this disease averaged 3·7 per 1000 in these towns, and ranged from 1·5 in London, to 9 and 11 per 1000 respectively in Leeds and Leicester. The deaths from small-pox in Portsmouth during the week were equal to an annual death-rate of 5 per 1000.

The epidemic of scarlet fever in Oldham showed a further increased fatality; the deaths referred to this disease within the borough, which in the seven previous weeks had risen from 6 to 29, further increased to 33 last week, and were equal to an annual rate of 21 per 1000.

London.

In London 2259 births and 1106 deaths were registered last week. After making due allowance for increase of population, the births exceeded by 8, while the deaths were 262 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been but 19 per 1000 during the three preceding weeks, was last week so low as 17 per 1000. The rate, after distribution of the deaths in institutions in proportion to population, was 12 per 1000 in the West, 17 in the North, 20 in the Central, 20 in the East, and 18 in the South groups of Districts. A considerable proportion of the inhabitants of the West Districts is probably now absent from London, and as no correction has been made in the estimated population, the death-rate in this portion of the Metropolis is somewhat understated.

The 1106 deaths included 5 from small-pox, 10 from measles, 12 from scarlet fever, 5 from diphtheria, 31 from whooping-cough, 30 from different forms of fever (of which 3 were certified as typhus, 21 as enteric or typhoid, and 6 as simple continued fever), and 95 from diarrhœa; thus to the seven principal diseases of the zymotic class 188 deaths were referred, against numbers declining steadily from 620 to 219 in the seven preceding weeks. The fatal cases of each of these zymotic diseases were below the corrected average numbers in the corresponding week of the last ten years. Three fatal cases each of scarlet fever and whooping-cough were returned in Poplar, and 2 each of whooping-cough in St. Paul (St. George-in-the-East) and Sydenham sub-districts. Only 5 deaths in London were referred to small-pox, of which 3 occurred in Bow, and one each in Islington East and Plumstead East sub-districts; 3 were "not stated" as to vaccination, one was returned as vaccinated, and one as unvaccinated.

The mean temperature of the air at the Royal Observatory, Greenwich, which during the 16 days ending Tuesday 17th had averaged 63°·2, or 5°·6 above the average, declined rapidly after that day, and showed an increasing deficiency on each of the last four days of the week; on Saturday the mean was only 45°·4, or 10°·4 below the average, and corresponded with the usual temperature at the beginning of November.

The fatal cases of diarrhœa, which in the seven previous weeks had ranged from 484 to 119, further declined to 95 last week, which were 11 below the corrected average weekly number; 89 were of children under 5 years of age, including 66 of infants under one year. The annual death-rate from diarrhœa in London last week was lower than that which prevailed in any of the 17 other large English towns furnishing returns. Seven deaths were referred to simple cholera, or choleraic diarrhœa; 6 were infantile cases, and one of a solicitor, aged 76 years, in Peckham, who had suffered from bedsores for 15 months.

During the past twelve weeks of the current quarter 104 deaths in London have been directly referred to syphilis, including 90 congenital cases in infants; the corrected average number in the corresponding twelve weeks of the last ten years was 96.

To different forms of violence 34 deaths were referred; 33 were the result of negligence or accident, including 8 from fractures and contusions, 2 from wounds, 3 from burns and scalds, 7 from drowning, one from poison, and 10 from suffocation, of which 8 were of infants under one year. One death, the subject of an inquest, was referred to "the effect of chloroform, properly administered for the purpose of an operation," in the Royal South London Ophthalmic Hospital. One case of suicide, by drowning, was registered during the week.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 50 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 22nd instant; of these, 46 occurred in the Metropolitan and 4 in the City Police Districts.

In the large Public Institutions 186 deaths were recorded, or 17 per cent. of the total deaths; of these, 92 occurred in Workhouses and 85 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending August 27th were 397, including 150 from remittent fever, and the annual death-rate was equal to 32 per 1000. In Calcutta 208 deaths were returned in the week ending August 3rd. In Madras the 269 deaths in the week ending August 2nd showed an annual death-rate equal to 35 per 1000; 76 were referred to fevers.

Foreign Cities.

In Paris 875 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 25 per 1000 of the estimated population. In Brussels 97 deaths occurred in the week ending the 14th instant, and the annual death-rate was 27 per 1000. In Berlin during the week ending last Thursday, 488 deaths were recorded, showing an annual rate of 31 per 1000; 91 were referred to infantile diarrhœa, and 28 to enteric fever. In Rome 207 deaths were registered in the week ending 8th instant, and the annual death-rate was 44 per 1000; 38 deaths resulted from different forms of fever.

In the City of New York 638 deaths were registered in the week ending August 31st, and the equivalent annual rate of mortality was 35 per 1000; to diarrhœal diseases 198 deaths were referred, against 267 and 266 in the two preceding weeks.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the highest reading was 29·95 in. at the beginning of the week, and the lowest 29·42 in. on Wednesday evening. The mean temperature of the *air* was 54°·3, or 2°·1 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a considerable excess on Sunday (15th) and Tuesday, while it was below the average on each of the other days of the week; on Saturday it was but 45°·4, and 10°·4 below the average. The highest day temperature in the shade was 73°·4 on Tuesday, and the lowest night temperature 37°·6 on Saturday; the extreme range in the week was, therefore, 35°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 142°·5 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 6°·8. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 63°·4. The mean degree of *humidity* of the air was 78, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell on Saturday afternoon to the amount of ·10 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 51°·0 in Hull, to 55°·5 in Portsmouth; the lowest recorded night temperature was 35°·0 in both Norwich and Hull, and the highest day temperature in the shade 72°·8 in Portsmouth. Rain was measured in each of these towns; the amounts varied from ·03 of an inch in Newcastle to 1·64 inches in Liverpool.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 213,294 cubic metres, and at Barking 259,954 cubic metres, equivalent to about as many tons by weight.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-EIGHTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1760	1930	1953	1962	2033	2215	2080	2252	2174	2101	2046·0	2259
Males . .	872	946	975	992	1057	1121	1011	1144	1092	1049	1025·9	1144
Females .	888	984	978	970	976	1094	1069	1108	1082	1052	1020·1	1115
TOTAL **Deaths**	1185	1186	1229	1143	1350	1133	1220	1362	1212	1411	1243·6	1106
Males	586	623	623	595	706	596	623	696	634	707	638·9	590
Females .	599	563	606	548	644	542	597	666	578	704	604·7	516

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.
TOTAL **Deaths** - - -	1070	1193	1285	1467	1643	1695	1598	1445	1274	1236	1236	1203	1106
Deaths under 5 years of age -	416	518	628	765	950	997	940	725	622	569	573	531	484
Deaths 5—20 - - - -	88	89	76	91	82	86	72	81	80	85	82	82	82
Deaths 20—40 - - - -	163	197	172	188	175	185	168	175	151	197	175	160	151
Deaths 40—60 - - - -	205	178	204	200	201	215	197	212	195	187	187	198	177
Deaths 60—80 - - - -	167	173	163	187	192	172	186	209	180	163	180	197	174
Deaths at 80 years & upwards	30	38	42	36	43	40	35	43	46	35	39	35	38
Deaths from Small-pox - -	43	35	26	29	33	28	15	16	15	8	6	12	5
„ „ Measles - -	33	42	28	12	25	20	18	26	12	15	17	9	10
„ „ Scarlet fever -	11	17	12	3	7	6	12	15	12	13	10	22	12
„ „ Diphtheria -	—	3	3	5	5	5	6	4	3	3	5	2	5
„ „ Whooping-cough	44	46	58	60	50	49	37	36	35	34	32	26	31
„ „ Typhus fever -	2	3	4	4	3	4	3	5	2	2	5	3	3
„ „ Enteric (or Typhoid) fever -	14	10	11	9	14	17	12	16	16	20	8	18	21
„ „ Simple Cont. fever	4	6	5	10	4	7	7	6	7	8	3	8	6
„ „ Diarrhœa - -	37	61	148	258	394	484	441	270	197	156	134	119	95
„ „ Simple Cholera -	2	4	12	17	19	33	24	11	12	13	7	2	7
„ „ Phthisis - -	159	166	166	148	159	150	153	156	133	173	145	133	126
„ „ Bronchitis - -	60	72	67	66	65	56	51	68	63	72	85	89	94
„ „ Pneumonia -	41	36	50	53	40	37	44	41	44	35	53	43	56
„ „ Heart Disease -	62	68	57	66	64	72	61	63	70	44	51	58	55
Mean Temperature of the Air	60°3	64°5	63°1	61°4	71°1	61°7	59°2	60°6	64°3	60°1	64°5	62°7	54°3
Mean Temperature of the Water of the Thames -	65°6	65°0	67°2	66°3	67°6	70°6	66°4	63°9	65°1	65°0	64°0	64°6	63°4
Humidity of the Air - -	72	66	78	83	81	82	86	72	72	77	75	82	78
Rain-fall in inches - -	0·45	0·31	0·71	0·16	1·00	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 21st day of September 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 21st Sept. 1872.	DEATHS registered during the Week ending 21st Sept. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5205	3291	73·4	34·7	52·6	11·44	0·40	1
LONDON	78,080	3,311,298	42·4	2259	1106	73·4	37·6	54·3	12·39	0·10	0
PORTSMOUTH	9,513	115,455	12·1	86	52	72·8	36·4	55·5	13·05	0·09	0
NORWICH	7,472	81,105	10·9	36	40	68·2	35·0	52·1	11·17	0·30	0
BRISTOL	4,688	186,428	39·8	121	75	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	39	45	67·2	38·8	52·6	11·44	0·33	0
BIRMINGHAM	7,831	350,164	44·7	253	186	68·0	42·2	54·0	12·22	0·10	0
LEICESTER	3,200	99,143	31·0	61	69	67·0	38·5	52·5	11·39	0·45	1
NOTTINGHAM	1,996	88,225	44·2	49	49	69·2	46·3	53·9	12·17	0·11	0
LIVERPOOL	5,108	499,897	97·9	403	285	63·4	41·7	52·1	11·17	1·64	4
MANCHESTER	4,486	352,759	78·6	280	208	69·5	41·0	53·9	12·17	1·08	2
SALFORD	5,172	127,923	24·7	91	74	64·0	38·6	52·0	11·11	0·80	2
OLDHAM	4,167	84,004	20·2	56	69	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	142	92	70·0	41·6	54·5	12·50	0·41	1
LEEDS	21,572	266,564	12·4	172	162	68·0	39·0	54·1	12·28	0·32	0
SHEFFIELD	22,830	247,847	10·9	193	127	68·0	40·5	53·6	12·00	0·25	0
HULL	3,562	124,976	35·1	97	76	66·0	35·0	51·0	10·56	0·35	0
SUNDERLAND	3,306	100,665	30·4	140	48	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	91	66	63·0	38·0	51·3	10·72	0·03	0
EDINBURGH	4,427	205,146	46·3	110	86	61·0	34·7	49·0	9·44	0·10	0
GLASGOW	5,063	489,136	94·8	384	246	63·5	36·5	49·8	9·89	0·50	1
DUBLIN	9,745	310,565	31·9	142	130	65·9	35·5	51·2	10·67	0·25	0

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevs between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 21st day of September 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	23	2829	949	428	28	29	89	10	62	87	453	92	151
LONDON	17	1106	311	212	5	10	12	5	31	30	95	34	69
PORTSMOUTH	24	52	13	8	11	–	–	1	–	5	7	–	1
NORWICH	26	40	13	8	–	–	1	–	1	–	5	–	1
BRISTOL	21	75	24	9	1	2	–	–	2	3	11	8	10
WOLVERHAMPTON	34	45	17	5	–	–	4	–	–	–	11	3	3
BIRMINGHAM	28	186	72	21	4	1	14	4	2	3	45	7	11
LEICESTER	36	69	25	11	1	–	–	–	2	–	20	3	4
NOTTINGHAM	29	49	15	9	–	–	–	–	1	2	4	1	5
LIVERPOOL	30	285	118	38	–	10	6	–	9	9	59	12	15
MANCHESTER	31	208	74	24	2	–	5	–	4	4	53	4	9
SALFORD	30	74	32	7	–	–	2	–	1	5	17	1	1
OLDHAM	43	69	10	4	1	–	33	–	–	1	10	1	1
BRADFORD	32	92	24	10	–	2	3	–	2	3	11	6	8
LEEDS	32	162	71	16	1	2	2	–	3	13	46	5	5
SHEFFIELD	27	127	41	21	–	2	6	–	3	3	35	2	2
HULL	32	76	41	10	1	–	1	–	–	3	12	2	2
SUNDERLAND	25	48	20	7	–	–	–	–	1	1	7	2	2
NEWCASTLE-ON-TYNE	26	66	28	8	1	–	–	–	–	2	5	1	2
DUBLIN	22	130	36	22	4	3	1	–	–	7	10	8	7

TABLE 5.—DEATHS Registered in LONDON in the THIRTY-EIGHTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 21, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	56°2	54°3						
ALL CAUSES - -	1243·6	1106	484	82	151	177	174	38
SPECIFIED CAUSES	1227·7	1102	481	82	151	176	174	38
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox - - -	22·8	5	4	-	1	-	-	-
Measles - - -	25·4	10	10	-	-	-	-	-
Scarlet Fever (Scarlatina)	86·3	12	8	4	-	-	-	-
Diphtheria - - -	9·2	5	1	3	-	1	-	-
Quinsy - - -	1·3	-	-	-	-	-	-	-
Croup - - -	13·9	8	7	1	-	-	-	-
Whooping-cough - -	25·3	31	30	1	-	-	-	-
Typhus - - -	50·9	3	-	-	1	1	1	-
Enteric or Typhoid Fever		21	4	11	5	1	-	-
Simple continued Fever		6	1	1	1	2	1	-
Erysipelas - - -	7·3	8	1	-	3	3	1	
Puerperal Fever (Metria)	2·9	5	-	-	5	-	-	-
Carbuncle - - -	·9	2	-	-	-	-	2	-
Influenza - - -	·2	-	-	-	-	-	-	-
Dysentery - - -	2·7	2	1	-	1	-	-	-
Diarrhœa - - -	96·7	95	89	1	-	-	3	2
Simple Cholera - -	18·1	7	6	-	-	-	1	-
Ague - - -	·3	-	-	-	-	-	-	-
Remittent Fever - -	·5	2	-	1	-	1	-	-
Rheumatism - - -	6·0	8	-	-	2	2	3	1
Other *Zymotic* Diseases -	—	-	-	-	-	-	-	-
ORDER 2.								
Syphilis - - -	7·2	9	7	-	-	2	-	-
Stricture of Urethra -	1·0	1	-	-	-	-	1	-
Hydrophobia - - -	·1	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-
ORDER 3.								
Privation - - -	·2	1	-	-	-	-	1	-
Want of Breast-milk -	10·1	9	9	-	-	-	-	-
Purpura and Scurvy -	1·3	3	3	-	-	-	-	-
Alcoholism { *a* Del. Tremens	2·2	4	-	1	3	-	-	-
Alcoholism { *b* Intemperance -	1·7	1	-	-	-	1	-	-
ORDER 4.								
Thrush - - -	5·1	3	3	-	-	-	-	-
Worms, &c. - - -	·4	-	-	-	-	-	-	-
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout - - -	1·5	-	-	-	-	-	-	-
Dropsy - - -	12·7	6	3	-	-	3	-	-
Cancer - - -	23·2	29	-	-	1	17	10	1
Cancrum Oris (Noma) -	1·1	-	-	-	-	-	-	-
Mortification - - -	3·7	6	-	-	-	-	6	-
ORDER 2.								
Scrofula - - -	8·8	9	6	2	1	-	-	-
Tabes Mesenterica -	26·2	32	31	1	-	-	-	-
Phthisis - - -	140·4	126	6	19	64	32	5	-
Hydrocephalus - -	20·1	18	16	2	-	-	-	-
I. LOCAL DISEASES.								
ORDER 1.								
Cephalitis - - -	11·4	18	10	2	4	-	2	-
Apoplexy - - -	27·6	40	3	1	5	13	17	1
Paralysis - - -	22·1	25	-	-	2	7	14	2
Insanity - - -	2·4	1	-	-	1	-	-	-
Chorea - - -	·2	-	-	-	-	-	-	-
Epilepsy - - -	6·1	6	1	1	2	1	1	-
Convulsions - - -	40·5	28	28	-	-	-	-	-
Brain Disease, &c. -	18·8	11	2	-	-	5	3	1
ORDER 2.								
Pericarditis - -	2·1	1	-	-	-	1	-	-
Aneurism - - -	1·6	2	-	-	2	-	-	-
Heart Disease, &c. -	48·8	55	1	4	9	21	19	1
ORDER 3.								
Laryngitis - - -	4·3	3	3	-	-	-	-	-
Bronchitis - - -	62·0	94	39	2	3	17	32	1
Pleurisy - - -	2·8	3	-	-	-	2	-	1
Pneumonia - - -	46·0	56	32	3	8	7	6	-
Asthma - - -	4·1	3	-	-	-	2	1	-
Lung Disease, &c. -	10·1	7	3	-	3	1	-	-
ORDER 4.								
Gastritis - - -	1·7	-	-	-	-	-	-	-
Enteritis - - -	7·1	4	3	1	-	-	-	-
Peritonitis - - -	4·9	4	1	1	2	-	-	-
Ascites - - -	2·5	1	-	-	-	-	1	-
Ulceration of Intestines -	1·7	4	-	2	1	1	-	-
Hernia - - -	2·2	3	-	-	-	2	1	-
Ileus - - -	2·8	-	-	-	-	-	-	-
Intussusception - -	·6	2	-	-	1	-	-	1

CAUSES OF DEATH.	Average in the Thirty-eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 21, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	56°2	54°3						
9. Stricture of Intestines -	1·1	1	-	-	1	-	-	-
10. Fistula - - -	·7	1	-	-	1	-	-	-
11. *Stomach Disease, &c.* -	5·5	3	-	-	-	1	1	1
12. *Pancreas Disease, &c.* -	—	-	-	-	-	-	-	-
13. Hepatitis - - -	4·1	7	-	-	1	4	-	2
14. Jaundice - - -	4·5	4	3	-	-	1	-	-
15. *Liver Disease, &c.* -	15·6	20	-	-	3	11	5	1
16. *Spleen Disease, &c.* -	·2	1	-	-	-	1	-	-
ORDER 5.								
1. Nephritis - - -	1·6	2	-	-	1	-	1	-
2. Ischuria - - -	·4	1	-	-	1	-	-	-
3. Bright's Disease (Nephria)	8·1	13	-	2	3	6	2	-
4. Diabetes - - -	1·1	1	-	-	-	1	-	-
5. Calculus (Stone) -	·8	-	-	-	-	-	-	-
6. Cystitis - - -	·7	1	-	1	-	-	-	-
7. *Kidney Disease, &c.* -	8·4	6	-	1	-	1	2	2
ORDER 6.								
1. Ovarian Dropsy -	·6	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* -	3·2	2	-	-	1	-	1	-
ORDER 7.								
1. Synovitis (Arthritis)	·2	-	-	-	-	-	-	-
2. *Joint Disease, &c.* -	3·5	5	-	2	2	-	1	-
ORDER 8.								
1. Phlegmon - - -	2·1	-	-	-	-	-	-	-
2. Ulcer - - - -	·9	2	1	-	-	-	1	-
3. *Skin Disease, &c.* -	2·1	-	-	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth -	17·5	21	21	-	-	-	-	-
2. Cyanosis - - -	1·2	1	1	-	-	-	-	-
3. Spina Bifida - -	1·2	-	-	-	-	-	-	-
4. Other Malformations -	·5	-	-	-	-	-	-	-
5. Teething - - -	11·3	8	8	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·2	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	4·8	6	-	1	5	-	-	-
ORDER 3.								
1. Old Age - - - -	39·2	36	-	-	-	-	18	18
ORDER 4.								
1. Atrophy and Debility -	71·4	68	61	-	-	2	5	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·8	8	1	1	1	1	3	1
2. Wounds { Gunshot	·6	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		2	1	-	-	1	-	-
3. Burns and Scalds - -	3·7	3	2	1	-	-	-	-
4. Poison - - - -	·8	1	1	-	-	-	-	-
5. Drowning - - -	6·5	7	-	5	2	-	-	-
6. Suffocation - - -	5·7	10	8	2	-	-	-	-
7. Otherwise - - -	2·8	2	1	1	-	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·4	-	-	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·8	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	·8	-	-	-	-	-	-	-
2. Poison - - -	·7	-	-	-	-	-	-	-
3. Drowning - - -	1·4	1	-	-	1	-	-	-
4. Hanging - - -	1·2	-	-	-	-	-	-	-
5. Otherwise - - -	·2	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·5	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	1·7	-	-	-	-	-	-	-
Causes not specified or ill-defined - - - -	14·2	4	3	-	-	1	-	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2259	1106	311	212	5	10	12	5	31	3	21	6	95	34	69
WEST DISTRICTS	561,189	327	130	30	25	–	1	2	1	5	–	3	–	14	5	12
NORTH DISTRICTS	751,668	468	249	48	58	1	–	2	1	7	–	6	1	15	6	15
CENTRAL DISTRICTS	333,887	245	136	38	21	–	1	2	1	2	–	2	–	5	6	15
EAST DISTRICTS	638,928	479	258	87	40	3	5	6	1	10	1	4	2	23	8	12
SOUTH DISTRICTS	966,132	740	333	108	68	1	3	–	1	7	2	6	3	38	9	15
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	39	8	4	3	–	–	–	–	–	–	–	–	1	–	–
St. John Paddington H	38062	17	10	–	3	–	–	–	–	–	–	–	–	–	–	3
Kensington Town *WL*	91583	72	20	5	2	–	–	–	–	1	–	–	–	4	–	–
Brompton H	28651	13	4	1	–	–	–	–	–	1	–	–	–	–	–	–
St. Peter Hammersmith	6632	3	2	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	30	10	2	3	–	–	–	–	–	–	1	–	–	–	–
Fulham *WLLLL*	23378	20	12	3	1	–	1	–	1	–	1	–	–	2	–	1
Chelsea South HH	26419	17	9	1	3	–	–	–	1	–	–	–	–	–	1	2
Chelsea North-west *HWw*	23278	18	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	9	4	2	–	–	–	–	–	–	–	–	–	1	–	–
Hanover Square	18700	5	6	1	3	–	–	–	–	–	–	–	–	1	1	1
May Fair *W*	13020	3	2	1	–	–	–	–	–	–	–	–	–	–	–	1
Belgrave HH	58043	23	14	1	4	–	–	–	–	2	–	–	–	1	2	3
St. John Westminster HHH	38470	19	5	3	–	–	1	–	–	–	–	1	–	2	–	–
St. Margaret Westminster *WWHH*	27640	21	11	3	1	–	1	–	–	–	–	–	–	1	1	1
St. James's Square	10453	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	2	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	8	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	7	3	1	–	–	–	–	–	–	–	–	–	1	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28374	15	7	1	1	–	–	–	–	–	–	1	–	–	–	–
Cavendish Square	15419	4	2	1	–	–	–	–	–	–	–	–	–	–	–	1
Rectory Marylebone *WH*	26387	14	13	1	5	–	1	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	11	6	1	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	26	15	3	6	–	–	–	–	–	–	–	–	1	–	1
St. John Marylebone	33110	18	11	1	3	–	–	–	1	–	–	–	–	–	1	1
Hampstead *WHHH*	32271	8	7	2	1	–	–	–	1	–	–	–	–	1	–	–
Regent's Park Pancras	38192	24	9	2	4	–	–	–	–	–	–	–	–	–	–	1
Tottenham-court *wH*	29360	7	11	–	1	–	–	–	–	–	–	–	–	–	–	1
Gray's Inn Lane H	29216	17	12	4	1	–	–	–	1	–	–	–	–	1	–	1
Somers Town	38562	23	11	2	3	–	–	–	–	–	–	–	–	–	–	2
Camden Town *W*	18066	9	9	–	3	–	–	–	–	–	–	–	–	1	–	–
Kentish Town *W*	68198	64	32	6	6	–	–	–	1	–	1	–	1	1	1	3
Islington West HHH	97801	59	35	14	4	–	–	1	1	–	2	1	2	2	2	2
Islington East *WwwH*	115948	73	32	5	11	1	–	1	–	2	–	–	–	3	–	1
Stoke Newington L	9810	14	4	–	1	–	–	–	–	–	–	–	–	–	1	1
Stamford Hill	6599	2	1	–	–	–	–	–	–	–	–	–	–	–	1	1
West Hackney	28076	28	6	1	–	–	–	–	–	–	–	–	–	1	–	–
Hackney *WwHHL*	50087	35	14	2	4	–	–	–	–	–	–	2	–	2	–	–
South Hackney L	30305	17	12	2	3	–	–	–	–	–	–	–	–	2	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	3	4	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	33	10	2	3	–	–	–	–	–	–	–	–	1	–	1
St. Giles North	16497	8	2	1	–	–	–	–	–	–	–	–	–	–	1	1
Long Acre	11826	9	4	1	–	–	–	–	1	–	–	–	–	–	–	1
Charing Cross H	9831	4	5	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	3	2	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	7	10	1	3	–	–	–	–	–	–	–	–	–	1	1
St. George-the-Martyr HHH	20521	21	11	1	–	–	–	–	–	–	–	1	–	–	1	3
St. Andrew Eastern *W*	13528	8	16	3	2	–	1	–	–	–	–	–	–	–	1	1
Saffron Hill	9051	6	3	–	–	–	–	–	–	–	–	1	–	–	–	–
St. James Clerkenwell *W*	18912	9	9	6	–	–	–	1	–	–	–	–	–	1	1	1
Amwell Clerkenwell	16878	12	6	2	2	–	–	–	–	–	–	–	–	1	1	2
Pentonville	13393	8	6	2	1	–	–	–	–	–	–	–	–	–	–	2
Goswell-street	16220	17	5	3	1	–	–	–	–	–	–	–	–	–	–	–
Old-street H	12156	9	4	–	1	–	–	1	–	–	–	–	–	–	–	1
City-road *WHHL*	18291	32	4	3	–	–	–	–	–	1	–	–	–	1	–	1
Whitecross-street	13790	13	4	2	–	–	–	–	–	1	–	–	–	–	–	–
Finsbury	10732	7	5	2	1	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	7	7	2	2	–	–	–	–	–	–	–	–	1	–	–
Cripplegate	13639	5	4	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	6	8	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Bride *W*	11184	11	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 21st September 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	5	1														
. Leonard Shoreditch HL†	16545	19	9	2	1		1							1			2
oxton New Town *w*	27832	18	7	2	2			1		1					1	2	4
oxton Old Town	26944	24	8		1												1
aggerstone West *W*	24153	13	3		2												2
aggerstone East	19257	22	8	3			1							1			
ackney-road	29808	23	5	1						1				3			7
reen, Bethnal Green *W*HL†	42443	27	22	6	4		1										
hurch, Bethnal Green	26374	21	8	3	1									1			
own, Bethnal Green	21375	19	7	4	1							1		1			
rtillery Whitechapel	6651	4	3	2											1	1	
italfields	15344	8	6	2	3								1		2		2
ile End New Town *W*	15550	7	8	3	1		1					1					
hitechapel North	11434	13	4	2													
hitechapel Church H	7323	6	15		3							1		1			14
odman's Fields	10381	5	4	3										1			
dgate	9149	3	6	2										1			
. Mary St. George East	17906	16	10	8	1							1		1			
. Paul St. George East	21356	10	10	4	1					2				1			
. John St. George East *W*	8973	8	6	1	2												3
adwell	11623	7	5	2												1	
atcliff H	15930	9	3	1										2			
mehouse *W*	30025	26	14	9	1		1		1	1				3	1	1	
ile End Old Town West	38123	34	11	4	2					1	1		1				
ile End Old Town East *W*vH	55020	42	24	8	4			1						3		1	3
ow *W*vwHL†	67777	50	29	8	7	3		1		1				3	1	1	8
oplar *WW*	48500	40	22	7	2			3		3		1		2	3	3	
SOUTH DISTRICTS.																	
hristchurch Southwark *W*	14547	8	3	2	1									2			1
t. Saviour Southwark H	15667	15	5	1	1									2			
ent-road	20450	16	4	3	1												1
orough-road *W*H	16694	15	3	1										2	2	3	2
ondon-road L	18959	10	9	5	1					1						1	
rinity Newington	23873	23	8		4									3			
t. Peter Walworth *W*	48232	43	21	9	2												
t. Mary Newington	16786	8	6	3	2												
t. Olave Southwark H	4157		4		1										1	2	4
t. John Horsleydown *W*	10595	6	1							1				4			
eather Market	16785	14	8	4													2
t. Mary Magdalen *W*	15707	10	8	5	3									1	1	1	
t. James Bermondsey	47921	44	14	7										2	1	1	
otherhithe *W*	25873	29	16	5	1		1										
aterloo-road 1st H	14083	15	5	3	1									1		1	
aterloo-road 2nd H	18453	18	2	1									1		2	2	12
ambeth Church 1st H	19470	14	20	3	2									2			9
ambeth Church 2nd *W*	35831	24	14	5	4					1							
ennington 1st *W*	41284	32	16	4	3							1		1			
ennington 2nd	31213	17	8	1	3												1
rixton HL	35431	28	10	2	1		1			1	1						
orwood *W*	12534	8	8	2	3												
lapham HL	27348	19	8	2	1		1					1	1				2
attersea *W*	53988	51	14	7	1				1					4		1	2
andsworth HL	19797	13	11	6	2									1	1	1	
utney	1438	4	3	2													
treatham	14479	11	5		5												
ulwich	4041	1	1		1												
amberwell *W*L†L†	31251	24	12	1	2								1	2	1	1	1
eckham *W*	42159	35	17	4	7									2			
t. George Camberwell	33851	22	8	2	3							1				1	
t. Paul Deptford	53696	34	12	3	4							1		1			
t. Nicholas Deptford	6487	2															
reenwich West	21098	19	7	4	1					1				2			
reenwich East *W*H	19320	10	7	1	2									2			3
ltham	4528		1	1										1			
ee	16430	9	2		1												
ewisham Village *W*	11508	8															
ydenham	19016	17	3	1						2	1						
harlton H	9503	5	4		1												
oolwich Dockyard	17229	14	5	2	1							1		1			
oolwich Arsenal H	18319	21	8	2													1
lumstead West	13028	13	4		2												
lumstead East *W*	15290	11	8	4		1						1		1			

The following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st SEPTEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°											
SUNDAY .	15	Perigee	29·877	72·9	54·0	18·9	62·0	55·8	102·9	48·0	65·2	63·6	6·2	12·4	1·0	+ 4·9	80	W.	W. & N.	lbs. 1·2	lbs. 0·0	lbs. 0·1	Miles. 204	Inches 0·00	..
MONDAY .	16	..	29·794	67·8	47·6	20·2	56·7	49·4	124·6	38·3	65·6	63·4	7·3	17·1	1·1	— 0·2	77	WNW & W.	WSW.	1·0	0·0	0·1	235	0·00	..
TUESDAY .	17	Full	29·648	73·4	52·2	21·2	61·2	55·5	142·5	45·0	65·6	63·4	5·7	15·6	2·2	+ 4·5	82	WSW.	WSW.	1·4	0·0	0·2	272	0·00	..
WEDNESDAY	18	In Equator	29·441	64·3	49·5	14·8	55·5	48·3	89·1	43·3	65·2	63·4	7·2	10·6	3·0	— 1·0	77	WSW.	W. & WSW.	2·7	0·0	0·6	388	0·00	..
THURSDAY .	19	..	29·476	65·3	46·3	19·0	53·2	44·0	107·8	39·0	65·2	63·6	9·2	19·1	1·9	— 3·0	71	WSW. & W.	WNW. & W.	2·2	0·0	0·3	312	0·00	..
FRIDAY .	20	..	29·610	57·0	39·9	17·1	46·4	38·9	93·6	30·1	63·3	59·5	7·5	16·3	1·2	— 9·6	75	W. & N.	N. & NW.	1·7	0·0	0·2	249	0·00	..
SATURDAY .	21	..	29·561	62·6	37·6	25·0	45·4	40·6	126·0	28·0	61·3	58·4	4·8	20·1	1·4	—10·4	83	W. & WNW.	W. & NW.	5·2	0·0	0·2	277	0·10	..
MEANS . .		..	29·630	66·2	46·7	19·5	54·3	47·5	112·4	38·8	64·5	62·2	6·8	15·9	1·7	— 2·1	78	WSW, W, & WNW.		..	..	..	Sum 1937	Sum 0·10	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SEPTEMBER.			
SUNDAY .	15	Positive, with weak tension at night.	Overcast, misty and gloomy till night; then nearly cloudless and very fine.
MONDAY .	16	No electricity shown.	The morning very cloudy and misty; afternoon and evening fine and at times cloudless.
TUESDAY .	17		Fine generally, though cloudy. A little rain fell about 6h. P.M.
WEDNESDAY	18		Overcast and foggy till the evening. A fine, bright, and nearly cloudless night.
THURSDAY .	19		Fine, with variable amounts of cloud. Flashes of lightning seen during the evening.
FRIDAY .	20	Weak positive at night.	Generally overcast till 3h. P.M. A fine afternoon and evening. A little rain fell about mid-day.
SATURDAY .	21	Strong positive and negative, with sparks and galvanic currents at mid-day; weak positive at other times.	Very cloudy, and at times gloomy, till night. Between 1h. and 2h. P.M. rain fell heavily, accompanied by strong gusts of wind. Fine and nearly cloudless at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·95 in. at the beginning of the week to 29·42 in. by 9h. P.M. on the 18th; increased to 29·67 in. by 9h. P.M. on the 20th; decreased to 29·53 in. by noon on the 21st; and was 29·59 in. at the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 39. 1872. Vol. XXXIII.] Week ending Saturday, September 28. [Price 1½d.

General Register Office, Somerset House,
30th September 1872.

United Kingdom.

During the week ending Saturday last, 5039 *births* and 3386 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 16 per 1000 persons living, in Glasgow 23 per 1000, and in Dublin 25.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000; Portsmouth 24, Norwich 29, Bristol 18, Wolverhampton 33, Birmingham 25, Leicester 35, Nottingham 27, Liverpool 28, Manchester 27, Salford 31, Oldham 40, Bradford 26, Leeds 38, Sheffield 30, Hull 27, Sunderland 18, and Newcastle-upon-Tyne 32. The fatal cases of diarrhœa in these eighteen towns, which in the eight previous weeks had steadily decreased from 966 to 453, further declined last week to 389; the annual death-rate from this disease averaged 3 per 1000 in these towns, and ranged from 1·5 in London, to 8 and 9 per 1000 respectively in Wolverhampton and Leeds. The deaths from small-pox in Portsmouth were equal to an annual rate of 4 per 1000.

The epidemic of scarlet fever is still fatally prevalent in Oldham; the deaths referred to this disease last week were equal to an annual rate of 17 per 1000.

London.

In London 2091 births and 1279 deaths were registered last week. After making due allowance for increase of population, the births were 148, and the deaths 137, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been so low as 19 and 17 per 1000, rose last week to 20. The rate, after distribution of the deaths in institutions in proportion to population, was 15 per 1000 in the West, 19 in the North, 22 in the Central, 23 in the East, and 21 in the South groups of Districts.

The 1279 deaths included 9 from small-pox, 12 from measles, 17 from scarlet fever, 5 from diphtheria, 38 from whooping-cough, 26 from different forms of fever (of which 4 were certified as typhus, 17 as enteric or typhoid, and 5 as simple continued fever), and 92 from diarrhœa; thus to the seven principal diseases of the zymotic class 199 deaths were referred, against numbers declining steadily from 620 to 188 in the eight preceding weeks. The deaths from both diarrhœa and whooping-cough showed a slight excess, while the fatal cases of the other zymotic diseases were considerably below the corrected average numbers in the corresponding week of the last ten years. Three fatal cases of measles were returned last week in Clapham, 2 each of scarlet fever in Poplar and Sydenham, 2 of diphtheria in Battersea, and 4 of whooping-cough in Islington West sub-districts. Of the 9 deaths from small-pox in London, 6 occurred in the South group of Di tricts, including 2 in St. Nicholas Deptford sub-district.

The mean temperature of the air at the Royal Observatory, Greenwich, was again low last week; and averaged 49°·0, or 5°·8 below the average for the corresponding week in 50 years. On Saturday, however, it was warmer, and the mean temperature was 55°·5, and 1°·3 above the average.

The fatal cases of diarrhœa, which in the eight previous weeks had ranged from 484 to 95, were 92 last week, and 6 above the corrected average weekly number; 75 were of children under five years of age, including 57 of infants under one year. The annual death-rate from diarrhœa in London last week was lower than that which prevailed in any of the 17 other large English towns furnishing returns, Bristol alone excepted. Only 2 deaths resulted from cholera; they were both of elderly persons, referred respectively to English cholera and choleraic diarrhœa.

To different forms of violence 46 deaths were referred; 33 were the result of negligence or accident, including 14 from fractures and contusions, 3 from burns and scalds, 4 from drowning, 3 from poison, and 8 from suffocation, all the latter being of infants under one year of age. Nine cases of suicide, and one each of murder and manslaughter, were registered during the week.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 49 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 29th instant; of these, 44 occurred in the Metropolitan and 5 in the City Police Districts.

During the week 66 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 93 and 69 in the two preceding weeks; these showed a proportion to the total deaths of 5 per cent.

In the large Public Institutions 233 deaths were recorded, or 18 per cent. of the total deaths; of these, 123 occurred in Workhouses and 104 in Hospitals.

Dr. Frankland, F.R.S., reports that during September all the Metropolitan waters were clear and transparent when drawn from the Companies' mains. Taking the amount of organic impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was: — New River 1·6, Lambeth and East London 3·1, Chelsea 3·2, Grand Junction 3·4, Southwark 3·5, and West Middlesex 3·8. Dr. Hill reports that the water supplied to Birmingham was slightly turbid from large particles in suspension.

Major Bolton, Water Examiner to the Board of Trade, reports the state of the Thames at Hampton, Molesey, and Sunbury, where the in-takes of the West Middlesex, Grand Junction, Southwark and Vauxhall, Lambeth, and East London Companies are situated, to have been very clear and bright during the month ending 15th September, and the state of the river at Ditton (where the Chelsea Company alone now draws its supply) to have been also good. A considerable improvement has been apparent in the quality of the Lambeth Company's water since the opening of the new in-take at Molesey. The Chelsea Company is converting the reservoirs at Ditton into filter beds as recommended.

Indian Cities.

In Bombay the deaths registered during the week ending September 3rd were 369, including 138 from remittent fever, and the annual death-rate was equal to 30 per 1000. In Calcutta 221 deaths were returned in the week ending August 10th. In Madras the 281 deaths in the week ending August 9th showed an annual death-rate equal to 37 per 1000; 64 deaths were referred to fevers.

Foreign Cities.

In Paris 794 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 65 deaths occurred in the week ending the 21st instant, and the annual death-rate was 18 per 1000. In Berlin during the week ending last Thursday, 499 deaths were recorded, showing an annual rate of 31 per 1000; 32 deaths were referred to enteric fever, and 95 to infantile diarrhœa. In Vienna the 311 deaths in the week ending the 21st instant gave an annual rate of 26 per 1000; the fatal cases of small-pox were 81, against 100 and 72 in the two preceding weeks. In Rome 198 deaths were registered in the week ending 15th instant, and the annual death-rate was 42 per 1000; 37 deaths were referred to fevers and 21 to measles.

In the City of New York 571 deaths were registered in the week ending September 7th, and the equivalent annual rate of mortality was 32 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the highest reading was 29·91 in. on Thursday evening, and the lowest 29·20 in. on Tuesday afternoon. The mean temperature of the *air* was 49°·0, or 5°·8 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a decreasing deficiency on each of the first six days of the week; on Sunday 22nd the mean was 44°·6, and 10°·9 below the average, while on Saturday it had risen to 55°·5, showing an excess of 1°·3. The highest day temperature in the shade was 65°·0 on Saturday, and the lowest night temperature 34°·5 on Monday; the extreme range in the week was, therefore, 30°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 118°·4 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 5°·8. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 56°·0. The mean degree of *humidity* of the air was 81, complete saturation being represented by 100. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 18 miles per hour. *Rain* fell on five days during the week, to the amount of ·84 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 45°·8 in Hull, to 49°·8 in Liverpool; the lowest recorded night temperature was 32°·0 in Norwich and Hull, and the highest day temperature in the shade 64°·0 in Leeds. Rain was measured in each of these towns; the amounts varied from ·85 of an inch in both Birmingham and Leicester, to 2·61 inches in Salford.

In Centigrade degrees the mean temperature of the air at Greenwich was 9°·4, or 3°·2 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 18°·3, the lowest night temperature 1°·4, and the highest temperature in the sun 48°·0. The wind blew at the rate of 29 kilometres an hour, and the rain-fall measured 2·13 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 243,360 cubic metres, and at Barking 305,158 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of August 1872: thus, according to their account, 116,679,344 gallons or 530,128 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 234·2 gallons (106·4 decalitres), rather more than a *ton* by weight, to each house, and 33·0 gallons (15·0 decalitres) to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of August 1872, it may be estimated that about 95,677,062 gallons were probably used for domestic purposes, or about 27·1 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	August 1871.	August 1872.	August 1871.	August 1872.
Total Supply	489,545	498,161	116,799,067	116,679,344
From Thames	227,443	232,262	59,685,510	60,169,344
From Lea and from other Sources	262,102	265,899	57,113,557	56,510,000
Thames.				
Chelsea	27,838	28,154	9,291,700	9,642,000
West Middlesex	42,502	43,767	10,520,513	10,201,569
Southwark and Vauxhall	78,552	78,962	16,438,414	16,459,434
Grand Junction	31,820	33,013	11,014,414	11,828,821
Lambeth	46,731	48,366	11,820,471	12,037,520
Lea and other Sources.				
New River	119,119	120,437	27,452,000	28,038,000
East London	102,624	104,196	21,877,500	21,200,000
Kent	40,359	41,266	7,784,057	7,272,000

Note.—The Return for August 1872, as compared with that for August 1871 shows an increase of 8,616 houses, and a decrease of 119,723 gallons of water supplied daily; the West Middlesex, East London, and Kent Companies' returns showed a decreased supply of water, although the number of houses supplied had increased in each case.

Analysis of Metropolitan Water Supply for September.

Sir, *Royal College of Chemistry, 26th September* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of September. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

All the metropolitan waters were clear and transparent when drawn from the Companies' mains.

Taking the amount of organic impurity in a given volume of the Kent Company's water as unity, the proportional amount in an equal volume of water supplied this month by each of the remaining Metropolitan Companies was :—New River 1·6, Lambeth and East London 3·1, Chelsea 3·2, Grand Junction 3·4, Southwark 3·5, and West Middlesex 3·8.

Dr. Hill reports that the water supplied to Birmingham was slightly turbid from large particles in suspension.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	13th September, Cab Rank, Horse Guards	17·9	25·52	·133	·013	·000	·160	·173	1280	1·7	20·0
West Middlesex	13th September, Cab Rank, Portland-road	19·3	25·34	·159	·013	·000	·128	·141	960	1·65	18·6
Southwark and Vauxhall	13th September, Cab Rank, St. George's Church, Borough.	19·5	22·86	·144	·013	·001	·108	·122	770	1·7	18·3
Grand Junction	13th September, Cab Rank, Woodstock-street.	18·3	25·64	·139	·013	·000	·081	·094	490	1·7	19·7
Lambeth	13th September, Cab Rank, Westminster Bridge-road.	18·0	24·16	·129	·012	·001	·117	·130	860	1·7	18·6
Other Sources.											
New River	13th September, Cab Rank, Tottenham-court-road.	18·5	24·96	·064	·006	·000	·171	·177	1390	1·6	18·9
East London	13th September, Royal Hotel, Mile-end-road.	18·8	24·14	·130	·011	·000	·038	·049	60	2·05	17·7
Kent	13th September, Deptfd. Bdge. Police Stat.	14·5	38·1	·040	·005	·000	·492	·497	4600	2·5	27·9
Birmingham*	5th September, Birmingham Waterworks	—	24·38	·298	·041	·003	·146	·189	1167	1·77	14·0
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 lbs. of the waters. The Table is to be read thus : the Chelsea Company's water collected on the 13th September at the Horse Guards' cab-rank had a temperature of 17°·9 C. ; 100,000 lbs. of it contained 25·52 lbs. of solid impurity ; the organic matter, constituting a portion of this impurity, contained ·133 lb. of carbon and ·013 lb. of nitrogen. The above quantity of water contained no ammonia and ·160 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·173 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1280 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·7 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 20·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the THIRTY-NINTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1742	1801	2023	2156	2146	2136	2131	2119	2216	1889	2035·9	2091
Males . .	899	948	1062	1066	1057	1122	1062	1076	1099	976	1036·7	1094
Females .	843	853	961	1090	1089	1014	1069	1043	1117	913	999·2	997
TOTAL **Deaths**	1140	1233	1284	1214	1418	1194	1327	1395	1277	1390	1287·2	1279
Males . .	575	618	670	616	693	626	664	694	652	686	649·4	668
Females .	565	615	614	598	725	568	663	701	625	704	637·8	611

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the LAST THIRTEEN WEEKS.

	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.
TOTAL **Deaths** - - -	1193	1285	1467	1643	1695	1598	1445	1274	1236	1236	1203	1106	1279
Deaths under 5 years of age -	518	628	765	950	997	940	725	622	569	573	531	484	557
Deaths 5—20 - - -	89	76	91	82	86	72	81	80	85	82	82	82	85
Deaths 20—40 - - -	197	172	188	175	185	168	175	151	197	175	160	151	190
Deaths 40—60 - - -	178	204	200	201	215	197	212	195	187	187	198	177	202
Deaths 60—80 - - -	173	163	187	192	172	186	209	180	163	180	197	174	213
Deaths at 80 years & upwards	38	42	36	43	40	35	43	46	35	39	35	38	32
Deaths from Smallpox - -	35	26	29	33	28	15	16	15	8	6	12	5	9
" " Measles - -	42	28	12	25	20	18	26	12	15	17	9	10	12
" " Scarlet Fever -	17	12	3	7	6	12	15	12	13	10	22	12	17
" " Diphtheria -	3	3	5	5	5	6	4	3	3	5	2	5	5
" " Whooping-cough	46	58	60	50	49	37	36	35	34	32	26	31	38
" " Typhus fever -	3	4	4	3	4	3	5	2	2	5	3	3	4
" " Enteric (or Typhoid) fever -	10	11	9	14	17	12	16	16	20	8	18	21	17
" " Simple Cont^{d} fever	6	5	10	4	7	7	6	7	8	3	8	6	5
" " Diarrhœa - -	61	148	258	394	484	441	270	197	156	134	119	95	92
" " Simple Cholera -	4	12	17	19	33	24	11	12	13	7	2	7	2
" " Phthisis - -	166	166	148	159	150	153	156	133	173	145	133	126	173
" " Bronchitis - -	72	67	66	65	56	51	68	63	72	85	89	94	106
" " Pneumonia -	36	50	53	40	37	44	41	44	35	53	43	56	76
" " Heart Disease -	68	57	66	64	72	61	63	70	44	51	58	55	57
Mean Temperature of the Air	64°·5	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0
Mean Temperature of the Water of the Thames -	65·0	67·2	66·3	67·6	70·6	66·4	63·9	65·1	65·0	64·0	64·6	63·4	56·0
Humidity of the Air - -	66	78	83	81	82	86	72	72	77	75	82	78	81
Rain-fall in inches - -	0·31	0·71	0·16	1·00	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 28th day of September 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 28th Sept. 1872.	DEATHS registered during the Week ending 28th Sept. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL. In Inches.	In Cent metr
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5039	3386	65·0	32·0	47·2	8·44	1·27	3·2
LONDON	78,080	3,311,298	42·4	2091	1279	65·0	34·5	49·0	9·44	0·84	2·1
PORTSMOUTH	9,513	115,455	12·1	62	54	62·4	33·0	49·1	9·50	1·18	3·0
NORWICH	7,472	81,105	10·9	37	45	63·0	32·0	46·4	8·00	1·28	3·2
BRISTOL	4,688	186,428	39·8	134	66	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	47	44	61·5	35·1	46·9	8·28	0·62	1·5
BIRMINGHAM	7,831	350,164	44·7	253	169	61·7	36·8	48·0	8·89	0·85	2·1
LEICESTER	3,200	99,143	31·0	80	66	61·7	35·0	47·0	8·33	0·85	2·1
NOTTINGHAM	1,996	88,225	44·2	47	45	60·8	35·0	47·0	8·33	1·21	3·0
LIVERPOOL	5,108	499,897	97·9	348	272	62·7	42·4	49·8	9·89	1·95	4·9
MANCHESTER	4,486	352,759	78·6	261	185	62·0	33·5	46·4	8·00	2·15	5·4
SALFORD	5,172	127,923	24·7	95	75	62·5	34·1	46·3	7·94	2·61	6·6
OLDHAM	4,167	84,604	20·2	59	64	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	127	76	61·8	33·5	47·4	8·55	1·10	2·7
LEEDS	21,572	266,564	12·4	321	196	64·0	38·0	47·7	8·72	0·94	2·3
SHEFFIELD	22,830	247,847	10·9	211	143	61·0	37·0	46·9	8·28	1·34	3·0
HULL	3,562	124,976	35·1	87	65	60·0	32·0	45·8	7·66	1·31	3·3
SUNDERLAND	3,306	100,665	30·4	61	35	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	123	79	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	98	64	54·0	35·7	44·5	6·95	1·25	3·1
GLASGOW	5,063	489,136	94·8	338	215	53·5	35·4	46·1	7·83	1·34	3·4
DUBLIN	9,745	310,565	31·9	159	149	61·5	33·0	48·9	9·39	0·77	1·9

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevai between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 28th day of September 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	
Total of 18 TOWNS	24	2958	954	501	40	29	83	17	73	91	389	108	156	4
LONDON	20	1279	360	245	9	12	17	5	38	26	92	46	66	2
PORTSMOUTH	24	54	21	8	9	–	–	–	–	3	5	–	1	
NORWICH	29	45	12	20	–	–	1	–	1	1	10	1	1	
BRISTOL	18	66	20	12	3	–	–	1	1	3	4	2	5	
WOLVERHAMPTON	33	44	15	8	–	–	2	–	–	1	11	1	1	
BIRMINGHAM	25	169	54	28	6	1	14	5	4	4	31	10	17	
LEICESTER	35	66	27	12	1	–	–	–	–	–	13	–	–	
NOTTINGHAM	27	45	14	8	–	–	–	–	–	3	10	1	1	
LIVERPOOL	28	272	116	44	1	10	6	–	7	14	45	12	16	
MANCHESTER	27	185	68	20	1	–	4	–	5	3	41	12	16	
SALFORD	31	75	28	10	–	–	1	–	1	3	20	6	6	
OLDHAM	40	64	11	4	–	–	28	1	–	1	1	–	1	
BRADFORD	26	76	26	11	–	3	1	3	1	3	12	3	3	
LEEDS	38	196	71	21	8	1	5	–	5	18	46	4	5	
SHEFFIELD	30	143	45	21	1	1	2	–	5	2	27	2	7	
HULL	27	65	26	11	1	–	–	1	1	3	11	3	3	
SUNDERLAND	18	35	13	8	–	1	–	1	4	–	3	–	–	
NEWCASTLE-ON-TYNE	32	79	27	10	–	–	2	–	–	3	7	5	7	
DUBLIN	25	149	31	37	7	6	4	–	–	4	10	4	6	

TABLE 5. DEATHS Registered in LONDON in the THIRTY-NINTH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Thirty-ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, September 28, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	55°2	49°0						
ALL CAUSES – –	1287·2	1279	557	85	190	202	213	32
SPECIFIED CAUSES	1277·6	1274	554	84	189	202	213	32
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox – – –	16·1	9	4	4	1	–	–	–
Measles – – –	22·3	12	11	1	–	–	–	–
Scarlet Fever (Scarlatina)	101·5	17	15	2	–	–	–	–
Diphtheria – – –	8·3	5	3	2	–	–	–	–
Quinsy – – – –	·7	–	–	–	–	–	–	–
Croup – – – –	15·8	9	7	2	–	–	–	–
Whooping-cough – –	26·8	38	37	–	1	–	–	–
Typhus – – – Enteric or Typhoid Fever Simple continued Fever –	51·3	4 17 5	– 4 2	– 3 1	1 7 1	2 3 1	1 – –	– – –
Erysipelas – – –	8·4	7	1	–	2	2	2	–
Puerperal Fever (Metria)	5·3	3	–	–	3	–	–	–
Carbuncle – – –	1·3	2	–	–	1	–	1	–
Influenza – – –	·1	1	–	–	–	1	–	–
Dysentery – – –	2·2	1	–	–	1	–	–	–
Diarrhœa – – –	78·1	92	75	2	3	1	9	2
Simple Cholera – –	21·8	2	–	–	–	–	2	–
Ague – – – –	·2	–	–	–	–	–	–	–
Remittent Fever – –	·9	2	–	1	1	–	–	–
Rheumatism – –	6·3	4	–	2	–	1	1	–
Other *Zymotic* Diseases –	·1	–	–	–	–	–	–	–
ORDER 2.								
Syphilis – – – –	7·5	10	9	–	1	–	–	–
Stricture of Urethra –	·8	1	–	–	–	1	–	–
Hydrophobia – – –	·2	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
ORDER 3.								
Privation – – –	·4	–	–	–	–	–	–	–
Want of Breast-milk –	8·7	15	15	–	–	–	–	–
Purpura and Scurvy –	1·0	2	–	–	2	–	–	–
Alcoholism { *a* Del. Tremens *b* Intemperance –	3·3 1·4	1 –	– –	– –	1 –	– –	– –	– –
ORDER 4.								
Thrush – – – –	4·0	4	4	–	–	–	–	–
Worms, &c. – – –	·2	1	–	–	1	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	1·2	1	–	–	–	–	1	–
Dropsy – – – –	11·7	9	2	1	3	–	2	1
Cancer – – – –	31·1	33	–	–	8	13	11	1
Cancrum Oris (Noma) –	·3	–	–	–	–	–	–	–
Mortification – –	2·6	2	–	–	–	–	2	–
ORDER 2.								
Scrofula – – – –	9·0	7	7	–	–	–	–	–
Tabes Mesenterica – –	25·7	35	32	2	1	–	–	–
Phthisis – – –	146·8	173	5	20	91	46	11	–
Hydrocephalus – –	20·9	20	17	2	1	–	–	–
II. LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	13·4	13	12	3	–	3	–	–
Apoplexy – – –	30·6	34	1	–	1	16	15	1
Paralysis – – –	24·7	15	–	–	1	1	12	1
Insanity – – –	1·3	3	–	–	2	–	1	–
Chorea – – – –	·3	–	–	–	–	–	–	–
Epilepsy – – –	7·0	1	–	–	–	1	–	–
Convulsions – – –	41·2	30	30	–	–	–	–	–
Brain Disease, &c. –	13·7	17	4	–	–	8	5	–
ORDER 2.								
Pericarditis – – –	3·4	2	–	1	–	1	–	–
Aneurism – – –	3·0	5	–	–	3	2	–	–
Heart Disease, &c. –	55·3	57	–	5	7	16	27	2
ORDER 3.								
Laryngitis – – –	4·3	7	5	–	–	1	1	–
Bronchitis – – –	70·9	106	58	2	2	14	26	4
Pleurisy – – –	2·5	2	–	1	1	–	–	–
Pneumonia – – –	54·5	76	47	6	9	10	4	–
Asthma – – – –	4·9	3	–	–	–	–	3	–
Lung Disease, &c. –	11·8	11	3	–	3	2	3	–
ORDER 4.								
Gastritis – – – –	2·4	5	1	–	2	2	–	–
Enteritis – – – –	6·2	10	5	2	–	2	1	–
Peritonitis – – –	4·0	4	–	1	–	2	1	–
Ascites – – – –	3·8	1	–	–	–	–	1	–
Ulceration of Intestines –	2·3	4	–	–	1	2	1	–
Hernia – – – –	2·7	4	1	–	–	2	1	–
Ileus – – – –	2·0	6	–	–	–	4	2	–
Intussusception – –	·6	1	–	–	–	1	–	–
Stricture of Intestines –	·6	1	–	–	–	1	–	–
Fistula – – – –	·3	–	–	–	–	–	–	–
Stomach Disease, &c. –	6·7	4	–	1	1	–	2	–
Pancreas Disease, &c. –	—	–	–	–	–	–	–	–
Hepatitis – – –	4·0	1	–	–	–	1	–	–
Jaundice – – –	5·0	4	1	–	–	1	2	–
Liver Disease, &c. – –	15·2	23	–	–	3	13	7	–
Spleen Disease, &c. –	—	–	–	–	–	–	–	–
ORDER 5.								
Nephritis – – –	1·5	2	1	1	–	–	–	–
Ischuria – – –	·4	–	–	–	–	–	–	–
Bright's Disease (Nephria)	9·0	17	–	–	4	8	4	1
Diabetes – – – –	1·5	3	–	1	–	1	1	–
Calculus (Stone) – –	·5	3	–	–	–	2	1	–
Cystitis – – – –	·8	2	–	–	–	–	2	–
Kidney Disease, &c. –	9·3	6	–	1	2	1	2	–
ORDER 6.								
Ovarian Dropsy – –	1·0	–	–	–	–	–	–	–
Uterus Disease, &c. –	4·0	6	–	1	1	2	2	–
ORDER 7.								
Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
Joint Disease, &c. –	4·9	10	1	6	1	–	2	–
ORDER 8.								
Phlegmon – – –	1·7	2	1	–	–	1	–	–
Ulcer – – – –	1·0	3	–	–	–	1	2	–
Skin Disease, &c. – –	·8	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
Premature Birth – –	20·0	25	25	–	–	–	–	–
Cyanosis – – –	1·9	4	4	–	–	–	–	–
Spina Bifida – –	1·2	1	1	–	–	–	–	–
Other Malformations –	3·1	1	1	–	–	–	–	–
Teething – – –	11·3	10	10	–	–	–	–	–
ORDER 2.								
Paramenia – – –	—	–	–	–	–	–	–	–
Childbirth (*see* Puerperal Fever) – – –	5·5	3	–	–	2	1	–	–
ORDER 3.								
Old Age – – – –	40·8	45	–	–	–	–	27	18
ORDER 4.								
Atrophy and Debility –	68·0	86	80	–	–	1	5	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
Fractures and Contusions	16·0	14	1	3	4	2	3	1
Wounds { Gunshot Cut, Stab	·5	– –	– –	– –	– –	– –	– –	– –
Burns and Scalds –	4·2	3	1	1	1	–	–	–
Poison – – –	1·0	3	1	–	1	1	–	–
Drowning – – –	5·7	4	–	1	3	–	–	–
Suffocation – –	7·8	8	8	–	–	–	–	–
Otherwise – –	2·1	1	–	–	–	–	1	–
ORDER 3. (HOMICIDE.)								
Murder and Manslaughter	3·2	2	1	1	–	–	–	–
ORDER 4. (SUICIDE.)								
Wounds { Gunshot Cut, Stab	·2 ·8	1 1	– –	– 1	– –	– –	1 –	– –
Poison – – –	1·0	1	–	–	1	–	–	–
Drowning – –	1·0	5	–	–	1	3	1	–
Hanging – – –	1·7	1	–	–	–	–	1	–
Otherwise – –	·2	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·8	2	–	–	1	1	–	–
Sudden Deaths (Cause unascertained) – – –	2·2	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	7·4	5	3	1	1	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLE during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Insti
LONDON	3,251,804	2091	1279	360	245	9	12	17	5	38	4	17	5	92	46	66	2
WEST DISTRICTS	561,189	286	158	37	34	-	-	-	1	4	-	3	-	8	4	4	3
NORTH DISTRICTS	751,668	505	277	78	60	2	-	3	2	7	2	7	2	20	7	18	4
CENTRAL DISTRICTS	333,887	176	143	44	19	-	1	1	-	6	1	1	2	5	6	8	3
EAST DISTRICTS	638,928	464	310	90	61	1	3	5	-	10	1	3	1	26	14	16	6
SOUTH DISTRICTS	966,132	660	391	111	71	6	8	8	2	11	-	3	-	33	15	20	5
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	46	13	4	4	-	-	-	-	-	-	1	-	1	-	-	
St. John Paddington H	38082	9	7	2	1	-	-	-	-	1	-	1	-	-	1	1	
Kensington Town *WL*	91583	47	17	2	3	-	-	-	-	1	-	-	-	2	-	-	
Brompton H	28651	12	9	1	1	-	-	-	-	-	-	1	-	-	-	-	
St. Peter Hammersmith	6662	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H	36030	22	7	1	1	-	-	-	-	-	-	-	-	-	-	-	
Fulham *WLLLL*	23378	20	8	2	2	-	-	-	-	1	-	-	-	-	-	-	
Chelsea South HH	26419	14	7	3	-	-	-	-	1	1	-	-	-	-	1	1	
Chelsea North-west *HWw*	23278	9	9	1	4	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-east L	21389	12	5	3	2	-	-	-	-	-	-	-	-	1	1	1	
Hanover Square	18760	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
May Fair *W*	13020	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Belgrave HH	58043	28	16	5	4	-	-	-	-	-	-	-	-	2	-	-	
St. John Westminster HHH	38470	25	15	4	3	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster *WWHH*	27640	15	22	4	6	-	-	-	-	-	-	-	-	-	1	-	1
St. James's Square	10453	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Golden Square *W*	12855	3	4	1	-	-	-	-	-	-	-	-	-	1	-	-	
Berwick-street	10279	2	3	2	1	-	-	-	-	-	-	-	-	1	-	-	
St. Anne Soho HH	17555	4	4	1	1	-	-	-	-	-	-	-	-	-	-	1	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28574	19	18	6	1	-	-	-	-	-	-	1	-	2	-	-	
Cavendish Square	15419	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone *WH*	26387	16	14	2	4	-	-	-	-	-	-	-	-	1	-	-	
St. Mary Marylebone H	21795	16	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone	33892	25	11	1	5	-	-	-	-	-	-	-	-	1	-	3	
St. John Marylebone	33110	10	13	4	5	-	1	-	-	-	-	-	-	2	-	1	
Hampstead *WHHH*	32271	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
Regent's Park Pancras	38192	20	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Tottenham-court *wH*	29360	24	16	3	1	-	-	1	-	-	1	1	-	-	2	4	
Gray's Inn Lane H	29216	12	9	3	1	-	-	-	-	-	-	-	-	1	-	1	
Somers Town	38562	28	12	6	1	-	-	-	-	1	-	1	-	-	-	-	
Camden Town *W*	18066	14	12	5	4	-	-	-	1	-	-	1	-	1	-	-	
Kentish Town *W*	68198	42	19	3	5	-	-	-	1	1	-	1	-	-	1	1	
Islington West HHH	97801	75	38	16	10	-	-	-	-	4	-	-	1	2	1	3	
Islington East *WwwH*	115948	100	45	13	11	-	-	1	-	1	-	-	-	3	-	1	1
Stoke Newington L	9810	6	9	2	3	-	-	-	-	-	-	-	1	3	-	-	
Stamford Hill	6599	4	1	-	-	-	-	-	-	-	-	1	-	-	-	-	
West Hackney	28076	19	11	1	2	-	-	-	-	-	1	-	-	-	-	1	
Hackney *Ww*HHL	50087	27	18	5	2	2	-	-	-	-	-	1	-	2	3	3	
South Hackney L	30305	27	14	4	2	-	-	-	-	-	-	1	-	2	-	-	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	7	5	-	3	-	-	-	-	1	-	-	-	-	-	-	
St. Giles South *WH*	19089	7	13	4	3	-	-	-	-	-	-	-	-	3	-	1	
St. Giles North	16497	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Acre	11326	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
Charing Cross H	9831	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand	9376	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H	10711	4	7	1	2	-	-	-	-	1	-	-	-	-	-	-	
St. George-the-Martyr HHH	20521	7	12	6	-	-	-	-	-	1	-	-	-	2	-	-	
St. Andrew Eastern *W*	13528	8	11	3	4	-	-	-	-	-	-	-	-	-	2	2	
Saffron Hill	9051	1	5	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell *W*	18912	12	6	3	1	-	-	-	-	1	-	-	-	-	-	1	
Amwell Clerkenwell	16878	16	9	4	-	-	-	-	-	-	1	-	-	-	-	-	
Pentonville	13293	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street	16220	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H	12156	16	6	5	-	-	-	-	-	-	-	-	-	-	-	-	
City-road *WHHL*	18291	12	6	2	1	-	-	-	-	-	-	-	-	-	1	1	1
Whitecross-street	13790	12	8	5	-	-	-	1	-	2	-	-	-	-	1	1	
Finsbury	10732	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph HH	14484	6	6	-	3	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate	13639	8	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H	7562	9	14	2	-	-	-	-	-	-	-	-	-	-	1	2	1
St. Bride *W*	11184	4	3	-	-	-	1	-	-	-	-	-	-	-	1	1	
Castle Baynard	4389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	6308	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
Queenhithe	4744	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking	5694	2	2	1	-	-	-	-	-	-	-	1	-	-	-	-	
Broad Street	7838	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 28th September 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch	12429	14	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	10	9	5	–	–	–	–	–	–	–	–	–	–	–	–	–
cton New Town *w*	27832	20	13	2	7	–	–	–	–	1	–	–	–	1	–	–	5
ston Old Town	26944	19	12	7	2	–	–	1	–	–	–	–	–	2	–	–	–
ggerstone West *W*	24153	17	16	–	6	–	–	–	–	–	–	–	–	–	–	–	7
ggerstone East	19257	10	6	2	2	–	–	–	–	–	–	–	–	–	–	–	1
skney-road	29808	23	6	2	1	–	–	–	–	1	–	–	–	–	–	–	–
en, Bethnal Green *WHL*†	42443	37	25	10	7	1	–	–	–	1	–	–	–	2	–	–	7
rch, Bethnal Green	26574	23	13	3	1	–	–	–	–	1	–	–	–	1	–	–	–
wn, Bethnal Green	21375	11	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
illery Whitechapel	6851	7	2	1	–	–	–	–	–	–	–	–	–	1	–	–	–
ldfields	15844	5	5	1	2	–	–	–	–	–	–	–	–	–	–	–	–
e End New Town *W*	15550	12	10	2	4	–	1	–	–	–	–	–	–	2	–	2	8
itechapel North	11434	5	5	2	–	–	–	–	–	–	–	–	–	1	–	–	–
itechapel Church H	7323	8	26	3	6	–	–	–	–	–	–	–	–	1	6	5	20
dman's Fields	10381	7	9	4	–	–	–	–	–	–	–	–	–	1	2	3	–
gate	9149	5	5	1	1	–	–	–	–	–	–	–	–	–	–	1	–
Mary St. George East	17906	12	14	8	2	–	–	–	–	–	–	1	–	2	2	1	–
Paul St. George East	21356	15	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
John St. George East *W*	8973	7	4	–	3	–	–	–	–	–	–	–	–	–	–	–	4
dwell	11623	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
cliff H	15930	19	6	1	2	–	–	–	–	1	–	–	–	2	–	–	1
chouse *W*	30025	18	15	4	3	–	–	–	–	2	–	1	1	2	–	–	–
e End Old Town West	38126	30	12	5	1	–	1	1	–	–	–	–	–	1	–	1	–
e End Old Town East *WwH*	55020	38	26	8	2	–	–	1	–	1	1	–	–	2	4	3	2
WwwHL†	67777	57	30	10	5	–	1	–	–	2	–	1	–	1	–	–	10
lar *WW*	48500	29	22	7	3	–	–	2	–	–	–	–	–	4	–	–	1
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	11	10	4	4	–	–	–	–	–	–	–	–	1	1	1	1
Saviour Southwark H	15667	13	4	2	–	–	–	–	–	–	–	–	–	2	–	–	1
t-road	20430	14	5	3	1	–	–	–	–	–	–	–	–	–	–	–	–
ough-road *WH*	16694	9	10	2	1	–	–	–	–	2	–	–	–	–	–	–	2
don-road L	18959	12	10	3	–	–	–	–	–	–	–	–	–	–	–	1	–
ity Newington	23673	17	4	2	–	–	–	–	–	–	–	–	–	1	–	–	–
Peter Walworth *W*	48232	39	12	2	1	–	1	–	–	1	–	1	–	–	–	–	–
Mary Newington	16786	13	7	–	2	–	–	1	–	–	–	–	–	–	–	–	–
Olave Southwark H	4157	–	12	1	1	–	–	–	–	–	–	–	–	–	–	–	12
John Horsleydown *W*	10595	6	4	3	–	–	–	–	–	–	–	–	–	1	–	–	1
ther Market	16785	6	7	3	–	–	–	–	–	–	–	–	–	1	–	–	–
Mary Magdalen *W*	15707	17	5	2	2	–	–	–	–	–	–	–	–	1	–	–	–
James Bermondsey	47921	35	17	8	2	–	–	1	–	1	–	–	–	1	1	1	–
herhithe *W*	25873	18	10	2	3	–	–	–	–	–	–	–	–	2	–	1	1
erloo-road 1st H	14086	4	7	2	–	–	–	1	–	1	–	–	–	–	–	–	1
erloo-road 2nd H	18453	19	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
beth Church 1st H	19470	10	13	–	2	–	–	–	–	3	–	–	–	–	–	–	6
beth Church 2nd *W*	35831	29	21	7	4	1	–	–	–	–	–	–	–	2	–	1	4
nington 1st *W*	41284	28	15	6	2	–	–	–	–	–	–	–	–	2	–	–	–
nington 2nd	31213	26	7	2	2	–	–	–	–	–	–	–	–	1	1	1	–
ton HL	35431	20	10	1	5	1	1	–	–	–	–	–	–	–	–	1	–
wood *W*	12534	6	5	3	–	–	–	–	–	–	–	–	–	1	–	–	–
ham HL	27348	9	9	3	1	–	3	–	–	–	–	–	–	3	–	–	–
ersea *W*	53988	37	29	5	5	–	1	1	2	1	–	–	–	2	1	1	5
dsworth HL	19797	9	5	4	–	–	–	–	–	–	–	–	–	2	–	–	–
ney	9438	4	1	–	–	–	–	–	–	–	–	–	–	–	1	1	–
atham	14479	9	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
wich	4041	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
berwell *WL*†*L*†	31251	29	13	1	5	–	1	–	–	–	–	–	–	–	–	–	10
kham *W*	42159	30	16	5	6	1	–	–	–	–	–	1	–	1	–	–	1
George Camberwell	33851	34	11	3	3	1	–	–	–	2	–	–	–	–	–	–	–
Paul Deptford	53696	31	18	4	4	–	–	1	–	–	–	–	–	5	1	1	–
Nicholas Deptford	6487	7	6	4	–	2	–	–	–	–	–	–	–	1	–	–	–
nwich West	21098	13	7	2	3	–	–	–	–	–	–	–	–	–	1	3	–
nwich East *WH*	19320	7	19	6	5	–	–	–	–	–	–	–	–	1	1	10	–
am	4528	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	16430	13	6	–	2	–	–	–	–	–	–	–	–	–	1	1	–
nham	11508	5	7	1	–	–	–	–	–	–	–	–	–	1	2	2	–
	19016	13	5	1	–	–	–	2	–	–	–	–	–	–	–	–	–
lron H	9503	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
lwich Dockyard	17229	10	13	5	–	–	–	–	–	–	–	–	–	–	–	–	–
lwich Arsenal H	18319	12	11	1	1	–	1	1	–	–	–	1	–	–	1	1	–
nstead, West	13028	9	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
nstead, East *W*	15290	18	6	4	1	–	–	–	–	–	–	–	–	1	–	–	–

ollowing are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

t. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
he Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
olborn Infirmary " "
ondon City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th SEPTEMBER, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	22	..	29·727	56·6	34·8	21·8	44·6	36·5	98·0	28·1	60·0	56·8	8·1	19·0	1·9	—10·9	73	W. & NW.	NW. & WSW.	2·3	0·0	0·2	290	0·00	..
MONDAY. .	23	..	29·634	62·6	34·5	28·1	48·8	40·4	118·4	26·0	58·8	55·8	8·4	18·2	3·2	— 6·4	73	WSW.	WSW. & SW.	4·2	0·0	0·4	301	0·16	..
TUESDAY .	24	Last Qr.	29·250	50·8	40·6	10·2	44·6	43·2	63·0	37·5	57·9	53·6	1·4	3·6	0·0	—10·4	95	WSW.	SW. NNW. & WNW.	1·7	0·0	0·1	213	0·43	..
WEDNESDAY	25	Greatest Dec. N.	29·453	57·3	38·0	19·3	47·6	40·0	116·8	29·9	57·3	55·0	7·6	14·1	2·4	— 7·2	75	WSW.& W.	W. & W. by N.	6·8	0·0	1·3	498	0·01	..
THURSDAY.	26	..	29·808	57·5	41·5	16·0	48·1	41·3	102·1	33·0	56·1	54·0	6·8	12·9	4·0	— 6·5	77	W. by N. & W.	WNW.W.& WSW.	3·7	0·0	0·8	430	0·00	..
FRIDAY . .	27	Apogee	29·660	64·0	42·7	21·3	54·0	53·5	93·0	32·0	55·6	53·7	0·5	9·4	0·0	— 0·4	98	WSW.	WSW.	21·0	0·1	2·5	645	0·10	..
SATURDAY.	28	..	29·463	65·0	50·9	14·1	55·5	47·8	89·2	43·0	55·4	53·4	7·7	15·4	0·0	+ 1·3	76	WSW.	WSW.	17·3	0·1	2·8	694	0·14	..
MEANS . .		..	29·571	59·1	40·4	18·7	49·0	43·2	97·2	32·8	57·3	54·6	5·8	13·2	1·6	— 5·8	81	W.		..	..	..	Sum 3071	Sum 0·84	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SEPTEMBER.			
SUNDAY .	22	No electricity shown.	A very fine and generally cloudless day.
MONDAY .	23	Weak positive in the afternoon.	Fine, with light clouds during the morning; generally overcast after 3h. P.M., and rain fell heavily at night.
TUESDAY .	24	No electricity shown.	Very cloudy, and at times gloomy, till night. Rain fell very heavily between 10h. A.M. and 2h. P.M., and again about 5h. P.M. Fine, and nearly cloudless at night. Occasional flashes of lightning seen during the evening.
WEDNESDAY	25	Positive, with weak tension occasionally.	Fine and cloudless in early morning. Overcast, with occasional showers and strong wind, after mid-day.
THURSDAY .	26	Negative, with weak tension at noon; positive, with varying tension at other times.	A dull cloudy day. Fine and cloudless night.
FRIDAY .	27	No electricity shown.	Generally overcast. Occasional rain. Very strong wind.
SATURDAY .	28	No electricity shown.	Heavy gale in early morning hours with occasional rain. Very variable throughout the day; cloudless and fine at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·59 in. at the beginning of the week to 29·77 in. by 8h. P.M. on the 22d; decreased to 29·20 in. by 3h. P.M. on the 24th; increased to 30·01 in. by 9h. A.M. on the 28th; decreased to 29·44 in. by noon on the 28th; and was

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
7th October 1872.

United Kingdom.

During the week ending Saturday last, 5127 *births* and 3274 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 20 per 1000 persons living, in Glasgow 27 per 1000, and in Dublin 22.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 20 per 1000; Portsmouth 27, Norwich 23, Bristol 22, Wolverhampton 26, Birmingham 27, Leicester 28, Nottingham 21, Liverpool 28, Manchester 30, Salford 23, Oldham 47, Bradford 22, Leeds 29, Sheffield 21, Hull 28, Sunderland 20, and Newcastle-upon-Tyne 18. The fatal cases of diarrhœa in these towns continue to decline; they were, proportionally, most numerous in Leicester, Leeds, and Hull. Scarlet fever showed a fatal prevalence in Oldham, Birmingham, and Manchester, while small-pox caused an annual death-rate in Portsmouth nearly equal to 4 per 1000.

In Oldham, the epidemic of scarlet fever, which is now slightly abating, has been remarkably severe; during the nine weeks ending last Saturday 208 deaths were referred to this disease within the borough, equal to an annual rate of 14 per 1000 of the population; last week they were 23.

London.

In London 2188 births and 1276 deaths were registered last week. After making due allowance for increase of population, the births were 30, and the deaths 115, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three previous weeks had been 19, 17, and 20 in the three previous weeks, was again 20 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 15 per 1000 in the West, 20 in the North, 20 in the Central, 24 in the East, and 21 in the South groups of Districts.

The 1276 deaths included 10 from small-pox, 9 from measles, 20 from scarlet fever, 5 from diphtheria, 31 from whooping-cough, 29 from different forms of fever (of which 6 were certified as typhus, 19 as enteric or typhoid, and 4 as simple continued fever), and 50 from diarrhœa; thus to the seven principal diseases of the zymotic class 154 deaths were referred, against 188 and 199 in the two preceding weeks. The fatal cases of whooping-cough were slightly in excess, but those of each of the other principal zymotic diseases were below the corrected average numbers in the corresponding week of the last ten years. Three deaths each from whooping-cough were returned in Kentish Town and St. George, Camberwell; three were referred to enteric fever in All Souls (Marylebone), and 2 in each of the sub-districts of Limehouse, St. Olave, Hackney, and Brixton. The 10 deaths from small-pox showed a further slight increase upon those in the two previous weeks, and included 5 in the South group of districts, of which 4 occurred in Lambeth; 4 were returned as unvaccinated cases, and 3 were "not stated" as to vaccination.

The mean temperature of the air at the Royal Observatory, Greenwich, was 52°·4, and 1°·4 below the average for the corresponding week in 50 years. On Wednesday the mean was 58°·5, and 4°·7 in excess of the average, while on Friday it fell to 45°·2, or 8°·3 in defect.

The 50 deaths from diarrhœa showed a further decline of 42 upon those returned in recent weeks, and were 15 below the corrected average weekly number; 43 were of children under five years of age. No death was referred to cholera or choleraic diarrhœa,

Diseases of the respiratory organs and phthisis caused 394 deaths last week, against 292 and 378 in the two preceding weeks. This increase is doubtless due to the recent low temperatures. The deaths referred to bronchitis, which in the second week of August did not exceed 51, have since steadily increased, and were 94, 106, and 134 in the three past weeks.

No less than 16 deaths were certified as directly resulting from syphilis, showing an excess of six upon the corrected average weekly number: 14 were congenital cases in infants.

To different forms of violence 48 deaths were referred; 39 were the result of negligence or accident, including 16 from fractures and contusions, 6 from burns and scalds, 4 from drowning, one from poison, and 9 from suffocation. The death of a woman, aged 47 years, in Holborn, employed at white-lead works, was referred to lead poisoning. Four cases of suicide, 3 of manslaughter, and one of infanticide were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 57 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 6th instant; of these, 46 occurred in the Metropolitan and 11 in the City Police Districts.

In the large Public Institutions 197 deaths were recorded, or 15 per cent. of the total deaths; of these, 100 occurred in Workhouses, and 85 in Hospitals.

Indian Cities.

In Madras the 277 deaths in the week ending August 16th showed an annual death-rate equal to 37 per 1000; 70 deaths were referred to different forms of fever, and "dengue" fever is reported as very prevalent. The usual returns from Bombay and Calcutta have not yet come to hand.

Foreign Cities.

In Paris 774 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 82 deaths occurred in the week ending the 28th ultimo, and the annual death-rate was 23 per 1000. In Berlin during the week ending last Thursday, 464 deaths were recorded, showing an annual rate of 29 per 1000; 26 deaths were referred to enteric fever, and 16 to scarlet fever. In Vienna the 327 deaths in the week ending September 28th, gave an annual rate of 27 per 1000. In Rome 189 deaths were registered in the week ending 22d ultimo, and the annual death-rate was 40 per 1000; 41 deaths resulted from fever, and 17 from measles.

In the City of New York 627 deaths were registered in the week ending September 14th, and the equivalent annual rate of mortality was 35 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·62 in.; the highest reading was 30·11 in. at the end of the week, and the lowest 29·24 in. on Thursday morning. The mean temperature of the *air* was 52°·4, or 1°·4 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean on Tuesday and Wednesday showed an excess, while it was below the average on each of the other days; the greatest deficiency was 8°·3 on Friday, when the mean was only 45°·2. The highest day temperature in the shade was 66°·6 on Wednesday, and the lowest night temperature 36°·0 on Friday; the extreme range in the week was, therefore, 30°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 115°·1 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 4°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 54°·5. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 10 miles per hour. *Rain* fell to the amount of ·49 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 48°·5 in Salford, to 52°·8 in Portsmouth; the lowest recorded night temperature was 32°·0 in Hull, and the highest day temperature in the shade 66°·0 in Leicester. Rain was measured in each of these towns; the amounts varied from ·24 of an inch in Nottingham to ·96 of an inch in Norwich.

In Centigrade degrees the mean temperature of the air at Greenwich was 11°·3, or 0°·8 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 19°·2, the lowest night temperature 2°·3, and the highest temperature in the sun 46°·2. The wind blew at the rate of 16 kilometres an hour, and the rain-fall measured 1·24 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 252,805 cubic metres, and at Barking 264,182 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTIETH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total **Births**	1687	1935	1896	2058	2031	2057	1893	2248	2188	2169	2016·2	2188
Males . .	832	1037	997	1042	1054	1074	975	1149	1068	1069	1029·7	1137
Females .	855	893	899	1016	977	983	918	1099	1120	1100	986·5	1051
Total **Deaths**	1229	1274	1263	1193	1344	1182	1229	1367	1279	1283	1264·3	1276
Males . .	623	651	637	592	669	627	649	710	693	651	650·2	626
Females .	606	623	626	601	675	555	580	657	586	632	614·1	650

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.
Total **Deaths** - - - -	1285	1467	1643	1695	1598	1445	1274	1236	1236	1203	1106	1279	1276
Deaths under 5 years of age -	628	765	950	997	940	725	622	569	573	531	484	557	541
Deaths 5—20 - - - -	76	91	82	86	72	81	80	85	82	82	82	85	84
Deaths 20—40 - - -	172	188	175	185	168	175	151	197	175	160	151	190	197
Deaths 40—60 - - -	204	200	201	215	197	212	195	187	187	198	177	202	202
Deaths 60—80 - - -	163	187	192	172	186	209	180	163	180	197	174	213	212
Deaths at 80 years & upwards	42	36	43	40	35	43	46	35	39	35	38	32	40
Deaths from Small-pox - -	26	29	33	28	15	16	15	8	6	12	5	9	10
„ „ Measles - -	28	12	25	20	18	26	12	15	17	9	10	12	9
„ „ Scarlet fever -	12	3	7	6	12	15	12	13	10	22	12	17	20
„ „ Diphtheria -	3	5	5	5	6	4	3	3	5	2	5	5	5
„ „ Whooping-cough	58	60	50	49	37	36	35	34	32	26	31	38	31
„ „ Typhus fever -	4	4	3	4	3	5	2	2	5	3	3	4	6
„ „ Enteric (or Typhoid) fever -	11	9	14	17	12	16	16	20	8	18	21	17	19
„ „ SimpleContdfever	5	10	4	7	7	6	7	8	3	8	6	5	4
„ „ Diarrhœa - -	148	258	394	484	441	270	197	156	134	119	95	92	50
„ „ Simple Cholera -	12	17	19	33	24	11	12	13	7	2	7	2	—
„ „ Phthisis - -	166	148	159	150	153	156	133	173	145	133	126	173	152
„ „ Bronchitis - -	67	66	65	56	51	68	63	72	85	89	94	106	134
„ „ Pneumonia -	50	53	40	37	44	41	44	35	53	43	56	76	81
„ „ Heart Disease -	57	66	64	72	61	63	70	44	51	58	55	57	67
Mean Temperature of the Air	63°·1	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0	52°·4
Mean Temperature of the Water of the Thames -	67·2	66·3	67·6	70·6	66·4	63·9	65·1	65·0	64·0	64·6	63·4	56·0	54·5
Humidity of the Air - -	78	83	81	82	86	72	72	77	75	82	78	81	86
Rain-fall in inches - -	0·71	0·16	1·00	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 5th day of October 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 5th Oct. 1872.	DEATHS registered during the Week ending 5th Oct. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5127	3274	66·6	27·0	49·8	9·89	0·66	1
LONDON	78,080	3,311,298	42·4	2188	1276	66·6	36·1	52·4	11·33	0·49	1
PORTSMOUTH	9,513	115,455	12·1	79	60	64·8	37·4	52·8	11·56	0·83	2
NORWICH	7,472	81,105	10·9	64	35	65·0	32·5	50·7	10·39	0·96	2
BRISTOL	4,688	186,428	39·8	116	79	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	40	35	62·2	35·7	49·6	9·78	0·26	0
BIRMINGHAM	7,831	350,164	44·7	266	179	63·0	35·5	50·8	10·44	0·27	0
LEICESTER	3,200	99,143	31·0	67	54	66·0	32·2	50·0	10·00	0·64	1
NOTTINGHAM	1,996	88,225	44·2	41	36	63·7	32·3	51·1	10·61	0·24	0
LIVERPOOL	5,108	499,897	97·9	378	264	61·2	36·3	49·1	9·50	0·69	1
MANCHESTER	4,486	352,759	78·6	238	204	62·5	35·0	49·5	9·72	0·87	2
SALFORD	5,172	127,923	24·7	96	57	62·5	34·2	48·5	9·16	0·84	2
OLDHAM	4,167	84,004	20·2	73	75	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	101	65	60·5	39·5	50·6	10·33	0·67	1
LEEDS	21,572	266,564	12·4	214	150	63·0	37·0	50·9	10·50	0·38	0
SHEFFIELD	22,830	247,847	10·9	210	100	61·0	35·0	49·3	9·61	0·69	1
HULL	3,562	124,976	35·1	96	66	64·0	32·0	49·9	9·94	0·49	1
SUNDERLAND	3,306	100,665	30·4	118	38	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	70	45	—	—	—	—	—	
EDINBURGH	4,427	205,146	46·3	135	77	59·0	28·7	47·2	8·44	1·10	2
GLASGOW	5,063	489,136	94·8	371	251	57·6	27·0	46·3	7·94	1·62	4
DUBLIN	9,745	310,565	31·9	166	128	64·0	27·2	48·6	9·22	0·23	0

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preva between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 5th day of October 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	
Total of 18 TOWNS	23	2818	817	503	28	30	95	12	60	102	263	111	200	3
LONDON	20	1276	359	252	10	9	20	5	31	29	50	48	104	1
PORTSMOUTH	27	60	16	6	8	–	1	–	–	3	8	–	–	
NORWICH	23	35	12	6	–	1	–	–	–	3	4	1	1	
BRISTOL	22	79	19	20	2	1	–	1	1	1	3	7	11	
WOLVERHAMPTON	26	35	15	6	–	1	3	–	3	–	5	1	1	
BIRMINGHAM	27	179	57	23	5	1	16	2	4	10	31	11	14	
LEICESTER	28	54	18	13	–	–	–	–	1	4	14	1	1	
NOTTINGHAM	21	36	10	9	–	–	–	–	2	1	6	1	3	
LIVERPOOL	28	264	83	48	–	13	7	1	3	11	35	11	20	
MANCHESTER	30	204	46	26	–	1	13	2	5	5	33	6	9	
SALFORD	23	57	18	6	–	–	–	–	1	4	9	2	6	
OLDHAM	47	75	17	12	–	–	23	–	–	–	3	5	6	
BRADFORD	22	65	22	8	1	2	2	–	1	3	8	3	2	
LEEDS	29	150	44	18	1	1	2	1	1	9	28	6	10	
SHEFFIELD	21	100	28	19	–	–	4	–	3	10	8	2	4	
HULL	28	66	26	17	1	–	–	–	2	6	13	1	1	
SUNDERLAND	20	38	12	9	–	–	1	–	1	2	3	1	1	
NEWCASTLE-ON-TYNE	18	45	15	5	–	–	3	–	1	1	2	4	6	
DUBLIN	22	128	31	24	4	3	2	4	–	1	10	7	7	

TABLE 5.—DEATHS Registered in LONDON in the FORTIETH Week of the Year 1872.

CAUSES OF DEATH.	Average in the Fortieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, October 5, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	53°9	52°4						
ALL CAUSES - -	1264·3	1276	541	84	197	202	212	40
SPECIFIED CAUSES	1256·5	1268	536	84	196	202	211	39
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox - - -	20·3	10	3	4	3	-	-	-
Measles - - -	24·9	9	8	1	-	-	-	-
Scarlet Fever (Scarlatina)	100·6	20	15	4	1	-	-	-
Diphtheria - - -	10·7	5	2	3	-	-	-	-
Quinsy - - -	·4	1	-	-	1	-	-	-
Croup - - -	13·0	·20	17	3	-	-	-	-
Whooping-cough - -	26·9	31	29	2	-	-	-	-
Typhus - - -	45·6	6	-	3	1	1	1	-
Enteric or Typhoid Fever		19	4	3	10	-	2	-
Simple continued Fever		4	-	1	-	1	2	-
Erysipelas - -	8·1	6	3	-	1	2	-	-
Puerperal Fever (Metria)	3·4	6	-	-	6	-	-	-
Carbuncle - - -	·8	2	-	-	-	-	2	-
Influenza - - -	·2	-	-	-	-	-	-	-
Dysentery - - -	1·7	1	-	1	-	-	-	-
Diarrhœa - - -	59·2	50	43	-	1	-	5	1
Simple Cholera - -	20·4	-	-	-	-	-	-	-
Ague - - -	—	-	-	-	-	-	-	-
Intermittent Fever - -	·4	-	-	-	-	-	-	-
Rheumatism - - -	8·6	8	-	-	4	1	2	1
Other *Zymotic* Diseases -	·5	-	-	-	-	-	-	-
ORDER 2.								
Syphilis - - - -	9·2	16	14	1	-	1	-	-
Stricture of Urethra -	1·5	-	-	-	-	-	-	-
Hydrophobia - - -	—	-	-	-	-	-	-	-
Glanders - - -	—	-	-	-	-	-	-	-
ORDER 3.								
Privation - - - -	·2	-	-	-	-	-	-	-
Want of Breast-milk -	7·1	15	15	-	-	-	-	-
Purpura and Scurvy -	1·2	1	1	-	-	-	-	-
Delirium *a* Del. Tremens	2·6	2	-	-	-	1	1	-
Disease *b* Intemperance -	·7	1	-	-	-	1	-	-
ORDER 4.								
Thrush - - - -	3·7	5	5	-	-	-	-	-
Worms, &c. - - -	·1	-	-	-	-	-	-	-
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout - - - -	1·4	4	-	-	-	1	2	1
Dropsy - - - -	11·9	7	1	1	1	3	1	-
Cancer - - - -	30·2	35	-	1	5	17	11	1
Encrusted Oris (Noma) -	·3	-	-	-	-	-	-	-
Mortification - -	3·2	3	-	-	-	-	2	1
ORDER 2.								
Scrofula - - - -	10·1	11	6	2	1	2	-	-
Tabes Mesenterica - -	21·3	30	28	2	-	-	-	-
Phthisis - - -	151·7	152	11	16	85	35	5	-
Hydrocephalus - -	25·1	28	24	4	-	-	-	-
LOCAL DISEASES.								
ORDER 1.								
Encephalitis - - -	12·7	9	7	1	-	1	-	-
Apoplexy - - - -	34·6	47	2	-	6	21	18	-
Paralysis - - - -	23·3	23	-	-	2	6	14	1
Insanity - - - -	1·3	1	-	-	-	1	-	-
Chorea - - - -	·2	-	-	-	-	-	-	-
Epilepsy - - - -	5·5	9	2	2	-	3	2	-
Convulsions - - -	44·6	34	31	2	-	-	1	-
Brain Disease, &c. - -	15·6	25	1	1	4	7	11	1
ORDER 2.								
Pericarditis - - -	2·7	3	-	-	1	2	-	-
Aneurism - - - -	2·5	4	-	-	2	2	-	-
Heart Disease, &c. - -	54·9	67	1	9	11	18	28	-
ORDER 3.								
Laryngitis - - -	4·7	3	2	-	1	-	-	-
Bronchitis - - -	77·7	134	67	1	3	18	39	6
Pleurisy - - - -	2·4	3	-	-	2	1	-	-
Pneumonia - - -	57·1	81	57	3	6	8	6	1
Asthma - - - -	4·9	7	-	-	-	2	4	1
Lung Disease, &c. - -	11·2	14	7	-	4	2	-	1
ORDER 4.								
Gastritis - - - -	1·5	1	-	-	-	-	1	-
Enteritis - - - -	6·1	10	8	-	1	-	1	-
Peritonitis - - -	4·8	9	2	2	3	-	2	-
Ascites - - - -	2·4	3	-	-	1	1	1	-
Ulceration of Intestines -	3·1	4	-	-	3	1	-	-
Hernia - - - -	3·5	3	-	-	1	-	2	-
Ileus - - - -	3·1	6	1	-	1	-	4	-
Intussusception - -	·5	1	-	-	-	1	-	-

CAUSES OF DEATH.	Average in the Fortieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, October 5, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature -	53°9	52°4						
9. Stricture of Intestines -	·8	-	-	-	-	-	-	-
10. Fistula - - -	·3	-	-	-	-	-	-	-
11. *Stomach Disease, &c.* -	6·4	5	2	-	-	2	1	-
12. *Pancreas Disease, &c.* -	—	-	-	-	-	-	-	-
13. Hepatitis - - -	3·7	4	-	-	1	1	2	-
14. Jaundice - - - -	2·2	5	4	-	-	1	-	-
15. *Liver Disease, &c.* - -	15·4	20	-	1	5	8	5	1
16. *Spleen Disease, &c.* - -	·4	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - - -	1·9	1	-	-	-	1	-	-
2. Ischuria - - - -	·1	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	9·1	15	-	1	4	7	3	-
4. Diabetes - - - -	1·8	3	-	-	-	3	-	-
5. Calculus (Stone) - -	·6	-	-	-	-	-	-	-
6. Cystitis - - - -	·6	-	-	-	-	-	-	-
7. *Kidney Disease, &c.* - -	6·7	4	-	1	-	1	2	-
ORDER 6.								
1. Ovarian Dropsy - -	1·1	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* - -	4·2	2	-	-	2	-	-	-
ORDER 7.								
1. Synovitis (Arthritis) -	·3	-	-	-	-	-	-	-
2. *Joint Disease, &c.* - -	4·7	6	1	3	1	1	-	-
ORDER 8.								
1. Phlegmon - - -	2·3	2	1	-	-	1	-	-
2. Ulcer - - - -	·9	1	1	-	-	-	-	-
3. *Skin Disease, &c.* - - -	·6	1	1	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	18·7	24	24	-	-	-	-	-
2. Cyanosis - - - -	1·3	3	3	-	-	-	-	-
3. Spina Bifida - - -	·8	2	2	-	-	-	-	-
4. Other Malformations -	1·2	1	1	-	-	-	-	-
5. Teething - - - -	10·7	8	8	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·1	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	4·8	4	-	-	4	-	-	-
ORDER 3.								
1. Old Age - - - -	39·0	40	-	-	-	-	18	22
ORDER 4.								
1. Atrophy and Debility -	61·5	60	55	-	-	1	4	-
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	18·6	16	1	3	1	8	3	-
2. Wounds { Gunshot	·8	-	-	-	-	-	-	-
2. Wounds { Cut, Stab		1	-	-	1	-	-	-
3. Burns and Scalds -	3·7	6	4	-	1	-	1	-
4. Poison - - - -	·6	1	-	-	-	1	-	-
5. Drowning - - -	6·5	4	-	2	2	-	-	-
6. Suffocation - - -	5·1	9	8	-	-	1	-	-
7. Otherwise - - -	2·4	2	1	-	1	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·8	4	2	-	1	1	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·1	-	-	-	-	-	-	-
1. Wounds { Cut, Stab	1·0	1	-	-	-	1	-	-
2. Poison - - - -	1·3	1	-	-	-	-	1	-
3. Drowning - - -	·8	1	-	-	-	-	1	-
4. Hanging - - - -	1·2	1	-	-	-	1	-	-
5. Otherwise - - -	·2	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	—	-	-	-	-	-	-	-
Violent Deaths (not classed)	·1	1	-	-	-	1	-	-
Sudden Deaths (Cause unascertained) - - -	1·4	-	-	-	-	-	-	-
Causes not specified or ill-defined - - - -	6·4	8	5	-	1	-	1	1

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2188	1276	359	252	10	9	20	5	31	6	19	4	50	48	104
WEST DISTRICTS	561,189	282	159	39	31	1	1	3	2	3	1	-	1	5	2	12
NORTH DISTRICTS	751,668	532	283	75	62	3	-	3	1	9	1	8	-	9	13	28
CENTRAL DISTRICTS	333,887	186	126	42	24	-	3	1	-	4	1	-	-	5	7	10
EAST DISTRICTS	638,928	515	307	94	48	1	1	7	1	7	2	3	1	17	20	37
SOUTH DISTRICTS	966,132	673	401	109	87	5	4	6	1	8	1	8	2	14	6	17
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	39	19	4	2	-	1	-	1	-	-	-	-	1	-	-
St. John Paddington H	38082	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-
Kensington Town *WL*	91583	47	34	10	9	1	-	1	1	2	-	-	-	1	1	9
Brompton H	28651	11	8	1	2	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	6662	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H	36030	28	11	3	3	-	-	-	-	-	1	-	-	-	-	-
Fulham *WLLLL*	23378	26	6	2	1	-	-	-	-	-	-	-	-	-	-	-
Chelsea South HH	26419	14	9	-	3	-	-	1	-	-	-	-	-	-	-	-
Chelsea North-west *HWw*	23273	12	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-east L	21389	10	9	6	1	-	-	-	-	-	-	-	-	-	-	-
Hanover Square	18700	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
May Fair *W*	13020	1	1	-	1	-	-	-	-	-	-	-	-	-	-	1
Belgrave HH	58043	26	15	-	3	-	-	1	-	-	-	-	-	-	-	-
St. John Westminster HHH	38470	23	5	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster *WWHH*	27640	7	10	2	2	-	-	-	-	1	-	-	-	1	1	2
St. James's Square	10453	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Golden Square *W*	12855	3	4	1	-	-	-	-	-	-	-	-	-	1	-	-
Berwick-street	10279	7	5	2	1	-	-	-	-	-	-	-	1	1	-	-
St. Anne Soho HH	17555	9	7	2	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																
All Souls Marylebone HH	28374	9	12	-	1	-	-	-	-	-	-	3	-	-	-	-
Cavendish Square	15419	3	4	-	2	-	-	-	-	-	-	-	-	1	-	-
Rectory Marylebone *WH*	26387	17	10	2	5	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone H	21795	22	6	2	1	-	-	-	-	-	-	-	-	1	-	-
Christchurch Marylebone	33892	30	12	3	1	-	-	-	-	-	-	1	-	-	1	3
St. John Marylebone	33110	17	13	4	5	-	-	-	-	-	-	-	-	1	1	1
Hampstead *WHHH*	32271	14	8	4	1	-	-	-	1	1	-	-	-	1	-	-
Regent's Park Pancras	38192	23	9	3	4	-	-	-	-	1	-	-	-	1	-	2
Tottenham-court *wH*	29360	21	13	3	2	-	-	-	-	-	-	-	-	-	3	3
Gray's Inn Lane H	29216	19	6	-	1	-	-	1	-	-	-	-	-	1	1	3
Somers Town	38562	34	20	6	6	-	-	-	-	-	1	-	-	-	-	3
Camden Town *W*	18066	19	9	3	1	-	-	-	-	-	-	-	-	-	1	2
Kentish Town *W*	68198	55	34	6	3	-	-	-	-	3	-	-	-	-	1	4
Islington West HHH	97801	64	36	10	9	1	-	-	-	1	-	-	-	2	1	6
Islington East *WwwH*	115948	90	46	16	8	-	-	2	-	2	-	1	-	1	2	-
Stoke Newington L	9810	14	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Stamford Hill	6599	2	3	1	2	-	-	-	-	1	-	-	-	-	-	1
West Hackney	28076	22	7	1	1	-	-	-	-	-	-	-	-	-	-	-
Hackney *WwHHL*	50087	33	23	7	6	2	-	-	-	-	-	2	-	-	2	2
South Hackney L	30305	24	11	4	3	-	-	-	-	-	-	1	-	-	-	-
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	5	7	4	2	-	-	-	-	-	-	-	-	1	1	1
St. Giles South *WH*	19089	7	10	2	3	-	1	-	-	-	-	-	-	-	-	2
St. Giles North	16497	10	2	1	-	-	-	-	-	-	-	-	-	1	-	-
Long Acre	11326	8	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Charing Cross H	9831	2	4	1	-	-	-	-	-	-	-	-	-	1	-	-
St. Mary-le-Strand	9376	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Clement Danes H	10711	9	3	1	1	-	-	-	-	-	-	-	-	-	1	-
St. George-the-Martyr HHH	20521	15	7	1	2	-	-	-	-	-	-	-	-	1	-	1
St. Andrew Eastern *W*	13528	6	10	2	3	-	-	-	-	-	-	-	-	-	1	-
Saffron Hill	9051	4	2	1	1	-	-	-	-	-	-	-	-	-	-	1
St. James Clerkenwell *W*	18912	15	5	1	2	-	1	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell	16878	8	7	5	1	-	-	-	-	-	-	-	-	1	-	-
Pentonville	13293	10	4	1	-	-	-	-	-	1	-	-	-	-	-	-
Goswell-street	16220	7	5	3	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H	12156	6	5	1	2	-	-	-	-	1	-	-	-	-	-	1
City-road *WHHL*	18291	19	7	3	1	-	-	-	-	-	-	-	-	-	1	1
Whitecross-street	13790	4	9	3	2	-	1	-	-	1	-	-	-	-	-	-
Finsbury	10732	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1
St. Botolph East London HH	14484	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	13639	12	4	1	1	-	-	-	-	-	-	-	-	-	1	1
St. Sepulchre H	7562	1	8	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Bride *W*	11184	7	6	4	-	-	1	-	-	1	-	-	-	-	1	1
Castle Baynard	4389	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Christchurch	6308	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Queenhithe	4744	-	3	1	-	-	-	-	-	-	-	-	-	-	1	1
Allhallows Barking	5694	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street	7838	5	5	3	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT urday, 5th October 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
lywell Shoreditch	12429	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch HL†	16545	11	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-
xton New Town *w*	27832	21	15	4	4	-	-	1	-	1	-	-	-	1	-	-	2
xton Old Town	26944	19	11	5	1	-	-	1	1	-	-	-	-	1	-	-	-
ggerstone West *W*	24153	20	9	2	1	-	-	-	-	1	1	-	-	-	-	-	3
ggerstone East	19257	19	7	3	1	-	-	-	-	-	-	-	-	1	-	1	-
ckney-road	29808	19	21	9	2	-	-	1	-	2	1	-	-	1	1	6	-
een, Bethnal Green *WHL*†	42443	37	27	5	5	-	-	-	-	2	-	-	-	1	5	7	8
urch, Bethnal Green	26574	15	3	1	1	-	-	-	-	-	-	-	1	-	-	-	-
wn, Bethnal Green	21375	12	12	5	1	1	-	-	-	1	-	-	-	1	2	4	-
illery Whitechapel	6651	6	3	2	1	-	1	-	-	-	-	-	-	-	-	-	-
talfields	15844	8	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-
le End New Town *W*	15550	14	7	1	3	-	-	-	-	-	-	-	-	-	-	1	2
itechapel North	11434	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1
itechapel Church H	7323	5	20	2	1	-	-	-	-	-	-	1	-	1	6	6	14
odman's Fields	10381	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lgate	9149	6	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Mary St. George East	17906	7	3	1	2	-	-	-	-	-	-	-	-	1	-	-	-
Paul St. George East	21356	17	10	5	1	-	-	-	-	-	-	-	-	-	1	2	-
John St. George East *W*	8973	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	3
adwell	11623	4	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
tcliff H	15930	7	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
mehouse *W*	30025	32	13	4	3	-	-	-	-	-	-	2	-	2	-	1	-
le End Old Town West	38126	37	20	8	3	-	-	-	-	-	-	-	-	2	-	2	-
le End Old Town East *WwH*	55020	60	27	12	3	-	-	1	-	-	-	-	-	1	2	3	2
w *WwwHL*†	67777	64	38	6	7	-	-	1	-	2	-	-	-	2	2	2	12
plar *WW*	48500	49	22	6	4	-	-	2	-	-	-	-	-	1	1	1	2
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	12	7	1	3	-	-	-	-	-	-	-	-	1	-	-	3
Saviour Southwark H	15667	10	11	2	3	-	-	1	-	-	-	-	-	2	-	-	-
nt-road	20430	15	6	3	-	-	-	-	-	1	-	-	-	-	-	-	-
rough-road *WH*	16694	12	4	-	-	-	-	1	-	-	-	-	-	-	-	-	1
ndon road L	18959	10	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-
inity Newington	23673	19	8	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Peter Walworth *W*	48232	38	35	6	9	-	1	-	-	2	-	1	-	1	-	2	11
Mary Newington	16786	13	8	3	2	-	-	-	-	-	-	1	-	-	-	1	-
Olave Southwark H	4157	4	14	-	2	-	-	-	-	-	-	2	-	-	4	4	13
John Horsleydown *W*	10595	6	5	-	-	-	-	-	-	-	-	1	-	1	-	-	1
ather Market	16785	14	8	1	1	-	-	1	-	-	-	-	-	1	-	-	-
Mary Magdalen *W*	15707	12	11	3	4	-	-	-	-	-	-	-	1	-	-	2	2
James Bermondsey	47921	43	18	7	3	-	-	-	-	-	-	-	-	1	-	-	-
otherhithe *W*	25873	8	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
aterloo-road 1st H	14086	8	6	5	-	-	-	-	1	-	-	-	-	1	-	1	1
aterloo-road 2nd H	18453	11	9	4	4	-	-	1	-	-	-	-	1	1	-	1	-
ambeth Church 1st H	19470	24	16	2	2	1	-	-	-	-	-	-	-	-	1	2	6
ambeth Church 2nd *W*	35831	31	23	9	4	1	-	-	-	-	-	-	-	1	-	-	1
ennington 1st *W*	41284	23	16	6	5	-	-	-	-	-	-	-	-	1	-	-	-
ennington 2nd	31213	14	11	3	4	1	-	-	-	-	-	-	-	-	-	-	-
rixton HL	35431	13	14	3	2	1	-	-	-	-	-	2	-	-	-	-	1
orwood *W*	12534	8	5	-	1	-	-	-	-	-	-	-	-	-	-	1	-
apham HL	27348	17	7	1	1	-	2	-	-	-	-	-	-	-	-	1	-
ttersea *W*	53988	53	23	3	7	-	-	-	-	-	-	1	-	-	-	-	4
andsworth HL	19797	10	7	2	-	-	-	-	-	-	-	-	-	-	-	-	5
tney	9438	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
reatham	14479	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
raberwell *WL*†*L*†	31251	19	13	3	3	-	-	-	-	1	-	-	-	-	-	-	3
ckham *W*	42159	33	12	7	4	-	-	-	-	-	-	-	-	2	-	1	-
George Camberwell	33851	26	18	5	5	-	-	-	-	3	-	-	-	-	-	-	-
Paul Deptford	58696	39	11	4	1	-	-	-	-	-	-	-	-	1	-	-	-
Nicholas Deptford	6487	6	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-
reenwich West	21093	10	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-
reenwich East *WH*	19320	14	11	2	3	-	-	-	-	-	-	-	-	2	-	-	6
ltham	4528	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ee	16430	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ewisham Village *W*	11508	11	9	3	1	-	-	1	-	-	-	-	-	-	-	-	-
ydenham	19016	10	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-
harlton H	9503	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	17229	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Arsenal H	18319	15	5	2	2	-	1	-	-	-	-	-	-	-	-	-	-
umstead West	13028	10	4	1	-	-	-	2	-	-	-	-	-	-	-	-	-
umstead East *W*	15290	13	10	4	3	-	-	-	-	-	-	-	-	-	-	-	3

e following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Holborn Infirmary - ,, ,, ,, ,,
London City - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 5th OCTOBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure on square foot. Greatest.	Pressure on square foot. Least.	Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°						lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	29	..	29·611	64·8	45·2	19·6	53·3	46·6	113·8	40·0	55·8	53·5	6·7	16·4	0·0	— 0·8	78	WSW. & W.	WSW.	6·0	0·0	0·7	359	0·05	..
MONDAY	30	..	29·747	66·5	43·5	23·0	53·5	48·2	115·1	33·1	55·6	53·0	5·3	17·8	0·0	— 0·5	82	WSW.	WSW. & SW.	1·6	0·0	0·1	220	0·00	..
OCTOBER.																									
TUESDAY	1	..	29·592	64·8	50·0	14·8	55·6	50·1	103·2	42·3	55·4	52·8	5·5	12·1	2·1	+ 1·7	82	SW.	SW. & SSW.	2·1	0·0	0·3	290	0·00	..
WEDNESDAY	2	In Equator New.	29·267	66·6	52·0	14·6	58·5	57·5	97·9	44·9	55·4	53·0	1·0	6·7	1·3	+ 4·7	96	S. & SW.	SW. & SSW.	3·0	0·0	0·3	249	0·18	..
THURSDAY	3	..	29·311	66·0	43·5	22·5	53·0	49·4	104·8	36·8	56·0	53·7	3·6	13·5	1·8	— 0·7	88	SSW. & SW.	SW. & WNW.	3·3	0·0	0·3	265	0·24	..
FRIDAY	4	..	29·735	57·0	36·0	21·0	45·2	42·4	105·2	29·2	56·0	54·0	2·8	11·0	0·0	— 8·3	90	SSW. & SSE.	SE., NE., & N.	0·6	0·0	0·0	103	0·01	..
SATURDAY	5	..	30·056	57·2	41·8	15·4	47·4	43·4	108·2	34·1	55·6	53·3	4·0	9·7	1·3	— 5·9	86	NNE.	NE.	0·8	0·0	0·1	200	0·01	..
MEANS		..	29·617	63·3	44·6	18·7	52·4	48·2	106·9	37·2	55·7	53·3	4·1	12·5	0·9	— 1·4	86	SW.		..	..	..	Sum 1686	Sum 0·49	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
SEPTEMBER.			
SUNDAY	29	No electricity shown.	A fine day generally. Showers of rain fell in the afternoon. Cloudless at night. Severe thunderstorm at Leicester.
MONDAY	30	Insulating apparatus under repair.	Fine. Varying amounts of cloud prevalent.
OCTOBER.			
TUESDAY	1		Cloudy generally. Dull at times.
WEDNESDAY	2	Weak positive at night.	Cloudy throughout. Rain fell occasionally. Lightning at night.
THURSDAY	3	Very strong positive and negative, with sparks and galvanic currents during thunderstorm.	The clouds variable in amount throughout. A thunderstorm occurred between 1h. and 2h. 30m. P.M., accompanied by heavy rain. Showers also fell occasionally at other times. Lightning at night.
FRIDAY	4	Positive with variable tension in the morning.	Cloudy, and a little rain fell in early morning. Fine, with decreasing amounts of cloud till night. Occasional flashes of lightning seen in the evening.
SATURDAY	5	Positive with weak tension.	Overcast generally till the afternoon, and a little thin rain fell. Fine, and at times cloudless, after 3h. P.M. Frequent flashes of lightning at night.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·54 in. at the beginning of the week to 29·76 in. by 9h. A.M. on the 30th of September; decreased to 29·24 in. by 9h. A.M. on the 3d of October; and increased to 30·11 in. by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
14th October 1872.

United Kingdom.

During the week ending Saturday last, 4903 *births* and 3143 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

In Edinburgh the annual rate of mortality was 20 per 1000 persons living, in Glasgow 26 per 1000, and in Dublin 22.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 19 per 1000; Portsmouth 24, Norwich 21, Bristol 15, Wolverhampton 26, Birmingham 27, Leicester 25, Nottingham 25, Liverpool 26, Manchester 28, Salford 24, Oldham 34, Bradford 21, Leeds 26, Sheffield 25, Hull 20, Sunderland 29, and Newcastle-upon-Tyne 26. The fatal cases of diarrhœa in these towns were somewhat below the average number for the corresponding week in recent years; this is probably due to the low temperature which has prevailed. Scarlet fever was again fatally prevalent in Oldham, Manchester, and Birmingham. The deaths from small-pox in Portsmouth were equal to an annual rate of 5 per 1000 persons living.

London.

In London 2135 births and 1218 deaths were registered last week. After making due allowance for increase of population, the births were 124, and the deaths 214, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been equal to 20 per 1000, declined again last week to 19. The rate, after distribution of the deaths in institutions in proportion to population, was 17 per 1000 in the West, 18 in the North, 21 in the Central, 22 in the East, and 19 in the South groups of Districts.

The 1218 deaths included 7 from small-pox, 7 from measles, 21 from scarlet fever, 5 from diphtheria, 34 from whooping-cough, 31 from different forms of fever (of which 4 were certified as typhus, 16 as enteric or typhoid, and 11 as simple continued fever), and 45 from diarrhœa; thus to the seven principal diseases of the zymotic class 150 deaths were referred, against 199 and 154 in the two preceding weeks. The fatal cases of whooping-cough were again slightly above, while those of each of the other principal zymotic diseases were below the corrected average numbers in the corresponding week of the last ten years. Three deaths from scarlet fever were returned in Poplar; 2 from enteric fever in Kentish Town, and 2 from simple fever in Kensington Town and in St. Leonard, Shoreditch, sub-districts. All the 34 deaths from whooping-cough were of children under five years of age; they exceeded by but 2 the corrected average weekly number. The 7 deaths from small-pox included 2 in Bow; 3 were returned as vaccinated cases, 2 as unvaccinated, and 2 were "not stated" as to vaccination.

The mean temperature of the air at the Royal Observatory, Greenwich, was only 47°·3, and 4°·7 below the average for the corresponding week in 50 years. A deficiency prevailed on each day of the week, and on Saturday the mean was only 42°·3, or 8°·9 below the average.

The fatal cases of diarrhœa further declined last week to 45, including 39 of children under five years of age; the corrected average weekly number was 53. No death was referred either to cholera or choleraic diarrhœa.

The deaths referred to bronchitis, which in the seven previous weeks had steadily increased from 63 to 134, further rose last week to 143. The recent low temperature appears to have exercised a marked influence upon the mortality of aged persons; the deaths at 80 years of age and upwards, which in the two previous weeks had been 32 and 40, further rose last week to 51, including no less than 11 of nonagenarians.

The deaths of 2 adults and of 4 infants were certified as having resulted directly from syphilis.

To different forms of violence 38 deaths were referred; 32 were the result of negligence or accident, including 17 from fractures and contusions, 7 from drowning, and 4 from suffocation. Five cases of suicide, and one of manslaughter, were registered during the week.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 56 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 13th instant; of these, 47 occurred in the Metropolitan and 9 in the City Police Districts.

In the large Public Institutions 194 deaths were recorded, or 16 per cent. of the total deaths; of these, 103 occurred in Workhouses and 80 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending September 10th were 406, including 148 from remittent fever, and the annual death-rate was equal to 33 per 1000. In Calcutta 214 deaths were returned in the week ending August 17th. The usual return from Madras has not yet come to hand.

Foreign Cities.

In Paris 723 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 61 deaths occurred in the week ending the 5th instant, and the annual death-rate was 17 per 1000. In Berlin during the week ending last Thursday, 447 deaths were recorded, showing an annual rate of 28 per 1000; 29 deaths were referred to enteric fever, against 32 and 26 in the two previous weeks. In Vienna the 378 deaths in the week ending 5th instant gave an annual rate of 32 per 1000; the 78 fatal cases of small-pox showed a decline of 16 upon those in the previous week. In Rome 163 deaths were registered in the week ending 29th ultimo, and the annual death-rate was 35 per 1000; 22 deaths resulted from fever.

In the City of New York 533 deaths were registered in the week ending September 21st, and the equivalent annual rate of mortality was 30 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 in.; the highest reading was 30·20 in. on Sunday evening, 6th instant, and the lowest 29·16 in. on Thursday evening. The mean temperature of the *air* was 47°·3, or 4°·7 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on each day of the week; on Tuesday the mean was 51°·6 and the deficiency only 0°·5, while on Saturday it fell to 42°·3, which was 8°·9 below the average. The highest day temperature in the shade was 63°·4 on Monday, and the lowest night temperature 34°·0 on Saturday; the extreme range in the week was, therefore, 29°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 118°·7 on Sunday, 6th. The difference between the mean *dew-point* and *air* temperature averaged 4°·4. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 53°·2. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 11 miles per hour. *Rain* fell on four days of the week, to the amount of ·64 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 44°·2 in Hull, to 48°·0 in Liverpool; the lowest recorded night temperature was 27°·0 in Hull, and the highest day temperature in the shade 61°·8 in Portsmouth. Rain was measured in each of these towns; the amounts varied from ·64 of an inch in Portsmouth, to 1·85 inches in Wolverhampton and 3·06 inches in Liverpool. Thunderstorms occurred at Liverpool on Wednesday and Friday.

In Centigrade degrees the mean temperature of the air at Greenwich was 8°·5, or 2°·6 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 17°·4, the lowest night temperature 1°·1, and the highest temperature in the sun 48°·2. The wind blew at the rate of 18 kilometres an hour, and the rain-fall measured 1·63 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 237,324 cubic metres, and at Barking 291,588 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-FIRST Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1757	1873	2072	1987	2073	2028	2325	2053	2116	2254	2053·8	2135
Males . .	901	962	1020	1007	1052	1023	1198	1009	1102	1097	1037·1	1096
Females .	856	911	1052	980	1021	1005	1127	1044	1014	1157	1016·7	1039
TOTAL **Deaths**	1121	1258	1355	1261	1353	1233	1438	1305	1416	1275	1301·5	1218
Males . .	595	624	708	658	661	639	701	676	735	618	661·5	574
Females .	526	634	647	603	692	594	737	629	681	657	640 0	644

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	July 20.	July 27.	Aug. 3.	Aug. 10	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.
TOTAL **Deaths** - - -	1467	1643	1695	1598	1445	1274	1236	1236	1203	1106	1279	1276	1218
Deaths under 5 years of age -	765	950	997	940	725	622	569	573	531	484	557	541	512
Deaths 5—20 - - -	91	82	86	72	81	80	85	82	82	82	85	84	81
Deaths 20—40 - - -	188	175	185	168	175	151	197	175	160	151	190	197	199
Deaths 40—60 - - -	200	201	215	197	212	195	187	187	198	177	202	202	194
Deaths 60—80 - - -	187	192	172	186	209	180	163	180	197	174	213	212	181
Deaths at 80 years & upwards	36	43	40	35	43	46	35	39	35	38	32	40	51
Deaths from Smallpox - -	29	33	28	15	16	15	8	6	12	5	9	10	7
„ „ Measles - -	12	25	20	18	26	12	15	17	9	10	12	9	7
„ „ Scarlet Fever -	3	7	6	12	15	12	13	10	22	12	17	20	21
„ „ Diphtheria -	5	5	5	6	4	3	3	5	2	5	5	5	5
„ „ Whooping-cough	60	50	49	37	36	35	34	32	26	31	38	31	34
„ „ Typhus fever -	4	3	4	3	5	2	2	5	3	3	4	6	4
„ „ Enteric (or Typhoid) fever -	9	14	17	12	16	16	20	8	18	21	17	19	16
„ „ Simple Cont^{d} fever	10	4	7	7	6	7	8	3	8	6	5	4	11
„ „ Diarrhœa - -	258	394	484	441	270	197	156	134	119	95	92	50	45
„ „ Simple Cholera -	17	19	33	24	11	12	13	7	2	7	2	—	—
„ „ Phthisis - -	148	159	150	153	156	133	173	145	133	126	173	152	150
„ „ Bronchitis - -	66	65	56	51	68	63	72	85	89	94	106	134	143
„ „ Pneumonia -	53	40	37	44	41	44	35	53	43	56	76	81	78
„ „ Heart Disease -	66	64	72	61	63	70	44	51	58	55	57	67	75
Mean Temperature of the Air	61°·4	71°·1	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0	52°·4	47°·3
Mean Temperature of the Water of the Thames -	66·3	67·6	70·6	66·4	63·9	65·1	65·0	64·0	64·6	63·4	56·0	54·5	53·2
Humidity of the Air - -	83	81	82	86	72	72	77	75	82	78	81	86	85
Rain-fall in inches - -	0·16	1·00	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 12th day of October 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 12th Oct. 1872.	DEATHS registered during the Week ending 12th Oct. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	RAIN FALL In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4903	3143	69·5	27·0	46·2	7·89	1·19	3·0
LONDON	78,080	3,311,298	42·4	2135	1218	63·4	34·0	47·3	8·50	0·64	1·6
PORTSMOUTH	9,513	115,455	12·1	71	53	61·8	31·2	47·7	8·72	0·64	1·6
NORWICH	7,472	81,105	10·9	43	33	58·0	31·8	44·6	7·00	0·65	1·6
BRISTOL	4,688	186,428	39·8	122	54	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	47	35	59·1	33·6	45·3	7·39	1·85	4·7
BIRMINGHAM	7,831	350,164	44·7	290	178	59·8	35·4	47·0	8·33	1·07	2·7
LEICESTER	3,200	99,143	31·0	91	48	58·7	32·7	45·3	7·39	0·96	2·4
NOTTINGHAM	1,996	88,225	44·2	64	42	60·9	31·7	46·8	8·22	0·81	2·1
LIVERPOOL	5,108	499,897	97·9	316	246	58·8	41·5	48·0	8·89	3·06	7·8
MANCHESTER	4,486	352,759	78·6	243	187	—	—	—	—	—	—
SALFORD	5,172	127,923	24·7	97	59	58·5	31·9	45·5	7·50	1·34	3·4
OLDHAM	4,167	84,004	20·2	53	55	—	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	118	62	57·8	35·0	46·9	8·28	0·86	2·2
LEEDS	21,572	266,564	12·4	103	132	58·0	32·0	45·4	7·44	1·30	3·3
SHEFFIELD	22,830	247,847	10·9	202	117	60·0	30·5	45·8	7·66	1·54	3·9
HULL	3,562	124,976	35·1	97	49	57·0	27·0	44·2	6·78	1·42	3·6
SUNDERLAND	3,306	100,665	30·4	71	56	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	89	65	—	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	107	80	56·0	30·7	45·3	7·39	0·75	1·9
GLASGOW	5,063	489,136	94·8	383	246	56·7	30·8	45·4	7·44	0·89	2·3
DUBLIN	9,745	310,565	31·9	161	128	69·5	31·5	48·7	9·28	1·21	3·0

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 1 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which preval between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 12th day of October 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	22	2689	763	487	33	27	110	9	60	98	181	78	148	34
LONDON	19	1218	334	232	7	7	21	5	34	31	45	38	84	19
PORTSMOUTH	24	53	8	11	11	–	2	–	–	2	–	1	1	1
NORWICH	21	33	7	9	1	1	–	–	3	2	3	–	2	
BRISTOL	15	54	10	13	–	1	–	–	–	1	5	1	2	
WOLVERHAMPTON	26	35	13	5	–	1	4	–	–	–	8	–	–	
BIRMINGHAM	27	178	46	19	7	1	23	2	6	3	18	10	14	3
LEICESTER	25	48	23	5	–	1	–	–	2	3	13	–	–	
NOTTINGHAM	25	42	11	8	–	–	–	–	–	–	1	–	2	
LIVERPOOL	26	246	79	53	–	12	6	1	4	12	22	6	6	2
MANCHESTER	28	187	56	28	1	1	16	–	1	11	15	7	14	2
SALFORD	24	59	19	9	–	1	–	1	–	4	8	3	3	
OLDHAM	34	55	15	8	–	–	23	–	–	–	1	–	1	
BRADFORD	21	62	19	10	2	–	1	–	–	3	7	–	–	
LEEDS	26	132	47	19	–	1	5	–	4	14	6	–	2	
SHEFFIELD	25	117	28	23	1	–	1	–	3	2	20	4	6	
HULL	20	49	16	12	1	–	1	–	–	6	4	2	3	
SUNDERLAND	29	56	21	13	–	–	1	–	3	1	4	1	2	
NEWCASTLE-ON-TYNE	26	65	11	10	2	–	6	–	–	3	1	5	6	
DUBLIN	22	128	26	24	4	6	4	1	5	11	6	2	3	30

TABLE 5.—DEATHS Registered in LONDON in the FORTY-FIRST Week of the Year 1872.

SES OF DEATH.	Average in the Forty-first Weeks of the 10 years 1862–71.	In the Week ending Saturday, October 12, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
ean Temperature –	° 51·0	° 47·3						
. CAUSES – –	1301·5	1218	512	81	199	194	181	51
ECIFIED CAUSES	1295·6	1216	511	81	199	194	180	51
IOTIC DISEASES.								
ORDER 1.								
ll-pox – – –	19·1	7	2	3	2	–	–	–
sles – – –	28·2	7	7	–	–	–	–	–
let Fever (Scarlatina)	102·3	21	12	8	1	–	–	–
atheria – – –	9·8	5	2	3	–	–	–	–
asy – – –	·7	1	1	–	–	–	–	–
up – – –	12·6	13	11	2	–	–	–	–
ooping-cough – –	28·8	34	34	–	–	–	–	–
ous – – –	50·3	4	1	–	1	2	–	–
eric or Typhoid Fever		16	2	3	3	2	1	–
ple continued Fever –		11	3	1	2	1	4	–
sipelas – – –	7·8	6	3	–	–	–	3	–
rperal Fever (Metria)	5·1	8	–	–	8	–	–	–
ouncle – – –	·5	1	–	–	1	–	–	–
enza – – –	·1	–	–	–	–	–	–	–
entery – – –	1·8	1	–	–	1	–	–	–
rrhœa – – –	48·2	45	39	–	–	2	3	1
ple Cholera – –	22·3	–	–	–	–	–	–	–
e – – –	·2	–	–	–	–	–	–	–
ittent Fever – –	·7	–	–	–	–	–	–	–
umatism – –	8·3	3	–	2	1	–	–	–
er *Zymotic* Diseases –	·2	–	–	–	–	–	–	–
ORDER 2.								
hilis – – – –	8·7	6	4	–	2	–	–	–
cture of Urethra –	1·3	1	–	–	–	1	–	–
rophobia – – –	—	–	–	–	–	–	–	–
nders – – –	—	–	–	–	–	–	–	–
ORDER 3.								
vation – – –	·2	–	–	–	–	–	–	–
nt of Breast-milk –	8·9	14	14	–	–	–	–	–
pura and Scurvy –	2·0	3	3	–	–	–	–	–
o– a Del. Tremens –	1·8	–	–	–	–	–	–	–
m b Intemperance –	1·0	1	–	–	1	–	–	–
ORDER 4.								
ush – – – –	3·6	2	2	–	–	–	–	–
rms, &c. – –	·2	1	–	–	–	1	–	–
STITUTIONAL DIS.								
ORDER 1.								
t – – – –	1·7	4	–	–	–	3	1	–
psy – – – –	13·3	11	5	–	3	–	3	–
cer – – – –	29·9	21	–	–	2	10	7	2
crum Oris (Noma) –	·4	1	1	–	–	–	–	–
rtification – –	4·1	2	–	–	–	–	2	–
ORDER 2.								
ofula – – – –	11·1	11	7	4	–	–	–	–
es Mesenterica – –	22·9	30	28	2	–	–	–	–
hisis – – –	147·4	150	10	20	76	40	4	–
drocephalus – –	25·0	21	18	2	1	–	–	–
OCAL DISEASES.								
ORDER 1.								
halitis – – –	12·6	11	6	–	3	1	1	–
oplexy – – –	29·5	41	6	–	4	9	20	2
alysis – – –	22·8	22	–	–	5	4	12	1
anity – – –	1·5	6	–	–	2	2	2	–
rea – – – –	·1	–	–	–	–	–	–	–
lepsy – – –	5·7	8	–	–	4	2	2	–
vulsions – – –	44·6	39	39	–	–	–	–	–
in Disease, &c. –	13·9	12	2	–	1	4	4	1
ORDER 2.								
ocarditis – – –	1·9	3	1	–	1	–	1	–
eurism – – –	3·3	3	–	–	–	2	1	–
art Disease, &c. –	58·4	75	1	8	19	28	16	3
ORDER 3.								
yngitis – – –	5·1	5	4	–	1	–	–	–
onchitis – – –	88·4	143	82	4	2	19	28	8
urisy – – – –	2·5	4	–	–	1	1	2	–
eumonia – – –	63·2	78	50	4	8	11	4	1
thma – – – –	6·4	9	–	–	1	2	6	–
g Disease, &c. – –	11·3	17	10	–	2	4	1	–
ORDER 4.								
stritis – – –	3·3	–	–	–	–	–	–	–
cteritis – – –	5·3	3	2	–	–	–	1	–
itonitis – – –	4·9	7	–	1	1	5	–	–
ites – – – –	2·6	1	–	–	–	–	1	–
eration of Intestines –	2·6	2	–	–	1	1	–	–
nia – – – –	2·9	1	–	–	–	1	–	–
s – – – –	3·1	5	2	–	–	1	2	–
ussusception – –	1·4	2	1	–	–	1	–	–

CAUSES OF DEATH.	Average in the Forty-first Weeks of the 10 years 1862–71.	In the Week ending Saturday, October 12, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature –	° 51·0	° 47·3						
9. Stricture of Intestines –	·6	–	–	–	–	–	–	–
10. Fistula – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·7	9	2	–	1	1	4	1
12. *Pancreas Disease, &c.* –	·1	–	–	–	–	–	–	–
13. Hepatitis – – –	3·6	2	–	–	1	1	–	–
14. Jaundice – – –	3·6	10	3	–	–	3	3	1
15. *Liver Disease, &c.* – –	18·9	22	–	1	6	7	8	–
16. *Spleen Disease, &c.* –	·5	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·9	2	–	–	2	–	–	–
2. Ischuria – – –	·2	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·9	10	1	–	3	4	2	–
4. Diabetes – – –	2·1	1	–	–	–	1	–	–
5. Calculus (Stone) – –	·3	–	–	–	–	–	–	–
6. Cystitis – – –	1·2	1	–	–	–	1	–	–
7. *Kidney Disease, &c.* –	8·9	3	–	–	1	2	–	–
ORDER 6.								
1. Ovarian Dropsy – –	·4	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	2·8	5	–	–	3	1	1	–
ORDER 7.								
1. Synovitis (Arthritis) –	·4	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	3·3	4	1	3	–	–	–	–
ORDER 8.								
1. Phlegmon – – –	1·8	3	–	–	1	2	–	–
2. Ulcer – – –	1·8	3	–	–	–	1	1	1
3. *Skin Disease, &c.* –	2·0	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	19·8	19	19	–	–	–	–	–
2. Cyanosis – – –	2·9	1	1	–	–	–	–	–
3. Spina Bifida – –	·8	1	1	–	–	–	–	–
4. Other Malformations –	·9	2	2	–	–	–	–	–
5. Teething – – –	10·5	9	9	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – –	6·4	8	–	–	8	–	–	–
ORDER 3.								
1. Old Age – – – –	42·7	42	–	–	–	–	15	27
ORDER 4.								
1. Atrophy and Debility –	67·0	61	50	–	–	3	8	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·0	17	1	1	5	4	4	2
2. Wounds { Gunshot – Cut, Stab –	·2	–	–	–	–	–	–	–
3. Burns and Scalds – –	3·8	–	–	–	–	–	–	–
4. Poison – – – –	·8	–	–	–	–	–	–	–
5. Drowning – – –	7·1	7	–	2	3	2	–	–
6. Suffocation – – –	5·9	4	4	–	–	–	–	–
7. Otherwise – – –	2·8	4	1	2	–	1	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·7	1	–	–	1	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot – Cut, Stab –	1·1	2	–	–	1	–	1	–
2. Poison – – –	1·3	–	–	–	–	–	–	–
3 Drowning – – –	·6	1	–	–	1	–	–	–
4. Hanging – – –	1·7	2	–	–	1	–	1	–
5. Otherwise – – –	·5	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – –	2·0	–	–	–	–	–	–	–
Causes not specified or illdefined – – – –	3·9	2	1	–	–	–	1	–

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2135	1218	334	232	7	7	21	5	34	4	16	11	45	38	84
WEST DISTRICTS	561,189	338	199	44	36	–	–	5	2	7	–	2	2	1	4	13
NORTH DISTRICTS	751,668	449	261	72	66	2	1	1	–	6	1	6	2	12	7	18
CENTRAL DISTRICTS	333,887	192	135	40	19	1	1	2	1	7	1	3	–	6	8	14
EAST DISTRICTS	638,928	481	282	77	46	2	5	4	–	4	2	2	4	11	12	24
SOUTH DISTRICTS	966,132	675	341	101	65	2	–	9	2	10	–	3	3	15	7	15
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	47	18	5	3	–	–	–	–	–	–	–	–	–	–	–
St. John Paddington H	38082	15	8	1	2	–	–	–	–	–	–	–	–	–	–	–
Kensington Town *WL*	91583	60	29	4	7	–	–	1	2	–	–	–	2	–	1	1
Brompton H	28651	13	12	–	1	–	–	1	–	1	–	–	–	–	–	1
St. Peter Hammersmith	6662	2	2	2	–	–	–	–	–	–	–	–	–	–	–	1
St. Paul Hammersmith H	36030	21	10	1	1	–	–	1	–	–	–	–	–	–	1	–
Fulham *WLLLL*	23378	23	11	2	1	–	–	1	–	–	–	–	–	–	–	1
Chelsea South HH	26419	17	9	1	3	–	–	–	–	–	–	–	–	–	1	1
Chelsea North-west H*Ww*	23278	12	9	1	3	–	–	–	–	2	–	–	–	–	–	2
Chelsea North-east L	21389	7	11	5	1	–	–	–	–	–	–	1	–	–	–	–
Hanover Square	18700	9	9	4	–	–	–	–	–	1	–	–	–	–	–	1
May Fair *W*	13020	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	38043	36	22	5	2	–	–	1	–	1	–	–	–	–	1	1
St. John Westminster HHH	38470	31	6	1	–	–	–	–	–	–	–	1	–	–	–	1
St. Margaret Westminster *WW*1H	27640	10	19	4	7	–	–	–	–	–	–	–	–	–	–	2
St. James's Square	10453	6	2	2	–	–	–	–	–	–	–	–	–	1	–	–
Golden Square *W*	12855	6	9	1	4	–	–	–	–	1	–	–	–	–	–	1
Berwick-street	10279	8	4	1	1	–	–	–	–	1	–	–	–	–	–	–
St. Anne Soho HH	17555	10	8	3	–	–	–	–	–	–	–	–	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	15	18	3	3	–	–	–	–	–	–	1	–	–	1	2
Cavendish Square	15419	3	3	–	1	–	–	–	–	–	–	–	1	–	–	–
Rectory Marylebone *WH*	26387	18	9	–	6	–	–	–	–	–	–	–	–	1	–	1
St. Mary Marylebone H	21795	14	12	2	4	–	–	–	–	–	–	–	–	1	–	1
Christchurch Marylebone	33892	17	9	3	1	–	–	–	–	1	–	1	–	–	–	1
St. John Marylebone	33110	14	14	7	2	–	1	–	–	–	1	–	1	–	–	–
Hampstead *W*HHH	32271	22	4	1	1	–	–	–	–	1	–	–	–	–	–	–
Regent's Park Pancras	38192	25	9	2	3	–	–	–	–	–	–	1	–	–	1	1
Tottenham-court *w*H	29360	15	10	1	3	–	–	–	–	–	–	–	–	1	–	2
Gray's Inn Lane H	29216	13	8	3	1	–	–	–	–	–	–	–	–	–	1	2
Somers Town	38562	21	17	7	5	–	–	–	–	–	–	–	–	1	1	2
Camden Town *W*	18066	17	11	1	6	–	–	–	–	–	–	–	–	–	1	2
Kentish Town *W*	68198	38	16	2	4	–	–	–	–	1	–	2	–	–	–	–
Islington West HHH	97801	78	33	9	6	–	–	1	–	–	–	–	–	1	2	4
Islington East *Ww*H	115943	74	46	18	10	–	–	–	–	2	–	–	–	2	–	–
Stoke Newington L	9810	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	16	7	4	–	–	–	–	–	–	–	–	–	1	–	–
Hackney *Ww*HHL	50087	33	19	4	5	2	–	–	–	1	–	1	–	2	–	–
South Hackney L	30305	11	13	4	4	–	–	–	–	–	–	–	–	2	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	5	12	7	1	–	–	–	1	–	–	–	–	2	–	1
St. Giles South *WH*	19089	11	7	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	13	8	4	–	1	–	–	–	–	–	1	–	1	1	1
Long Acre	11326	7	5	2	–	–	–	–	–	1	–	–	–	–	–	–
Charing Cross H	9831	1	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	2	4	1	–	–	–	–	–	–	–	–	–	–	1	1
St. Clement Danes H	10711	10	6	1	1	–	–	–	–	–	–	1	–	1	2	1
St. George-the-Martyr HHH	20521	11	8	3	1	–	–	–	–	–	1	–	–	–	–	1
St. Andrew Eastern *W*	13528	13	9	1	1	–	–	–	–	1	–	–	–	–	2	3
Saffron Hill	9051	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	11	9	2	1	–	–	1	–	1	–	1	–	–	2	3
Amwell Clerkenwell	16878	4	3	–	1	–	–	–	–	1	–	–	–	–	–	2
Pentonville	13263	10	8	4	1	–	–	–	–	1	–	–	–	1	–	–
Goswell-street	16220	7	4	2	1	–	–	–	–	–	–	–	–	–	–	–
Old-street H	12156	7	4	2	–	–	–	–	–	–	–	–	–	–	–	–
City-road *W*HHL	18291	27	11	3	1	–	–	1	–	1	–	–	–	–	–	1
Whitecross-street	13790	9	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	2	3	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph HH	14484	12	6	2	2	–	–	–	–	1	–	–	–	1	–	–
Cripplegate	13639	4	2	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	5	6	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Bride *W*	11184	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	4	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	4	6	1	1	–	1	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

e, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district day, 12th October 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
ell Shoreditch	12429	9	2	–	–	–	–	–	–	–	–	–	–	1	–	–	–
nard Shoreditch HL†	16545	12	13	–	3	–	–	–	–	–	–	–	2	–	2	4	1
n New Town *w*	27832	21	15	5	6	–	–	–	–	–	–	–	–	–	–	–	3
n Old Town	26944	16	13	5	3	–	–	–	–	–	–	–	–	1	–	3	4
rstone West *W*	24153	19	17	3	2	–	–	–	–	–	1	–	–	–	–	–	4
rstone East	19257	20	5	2	1	–	–	–	–	–	–	–	–	1	–	–	–
ey-road	29808	22	8	–	–	–	–	–	–	1	–	1	1	1	–	–	–
Bethnal Green *WHL*†	42443	38	23	10	4	–	1	1	–	1	–	–	1	–	1	1	8
, Bethnal Green	26574	23	11	2	4	–	–	–	–	–	–	–	–	–	1	5	–
Bethnal Green	21375	13	8	4	–	–	1	–	–	–	–	–	–	–	–	–	–
ry Whitechapel	6651	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ields	15844	6	7	5	–	–	–	–	–	–	–	–	–	–	–	–	5
nd New Town *W*	15550	10	8	2	4	–	–	–	–	–	–	–	–	–	–	–	5
hapel North	11434	5	4	2	–	–	–	–	–	–	–	–	–	1	–	–	–
hapel Church H	7323	5	12	1	3	–	–	–	–	–	–	–	–	1	5	5	10
an's Fields	10381	4	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
e	9149	2	4	1	–	–	–	–	–	–	–	–	–	1	–	–	–
ry St. George East	17906	14	3	–	–	–	1	–	–	–	–	–	–	–	–	–	–
l St. George East	21356	12	11	2	1	–	–	–	–	1	–	–	–	–	–	2	–
n St. George East *W*	8973	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–	1
ell	11623	6	4	3	–	–	–	–	–	–	–	–	–	1	–	1	–
f H	15930	10	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ouse *W*	30025	29	13	3	2	–	–	–	–	–	1	–	–	1	1	1	–
nd Old Town West	38126	37	14	5	1	–	1	–	–	–	–	–	–	–	–	–	–
nd Old Town East *WwH*	55020	51	18	8	3	–	–	–	–	–	–	–	–	1	–	1	1
WwWHL†	67777	67	39	6	5	2	–	–	–	1	1	–	–	2	1	1	15
WW	48500	21	20	4	3	–	1	3	–	–	–	–	–	–	1	1	–
South Districts.																	
church Southwark *W*	14547	9	8	2	1	–	–	–	–	–	–	–	–	–	–	–	–
viour Southwark H	15667	9	10	2	1	–	–	–	–	–	–	–	–	–	1	2	1
road	20430	15	5	1	2	–	–	–	–	–	–	–	–	1	–	–	–
gh-road *WH*	16694	7	10	1	1	–	–	–	–	–	–	–	–	–	1	2	2
n-road L	18959	8	7	2	–	–	–	–	–	–	–	–	–	–	–	–	1
y Newington	23673	22	9	3	1	–	–	–	–	–	1	–	–	1	–	–	–
ter Walworth *W*	48232	29	10	2	2	–	–	1	–	–	–	–	–	–	–	–	4
ary Newington	16786	8	11	5	3	–	–	–	–	–	–	–	–	–	–	1	–
ave Southwark H	4157	4	6	–	–	–	–	–	–	–	–	–	–	–	–	1	4
hn Horsleydown *W*	10595	6	5	4	1	–	–	–	–	1	–	–	–	–	–	–	1
er Market	16785	17	7	–	2	–	–	–	–	1	–	1	1	–	–	1	–
ary Magdalen *W*	15707	7	9	4	3	–	–	–	1	–	–	–	1	–	–	–	1
mes Bermondsey	47921	45	9	2	2	–	–	–	–	–	–	–	–	–	–	–	–
rhithe *W*	25873	13	4	1	1	–	–	–	–	–	–	–	–	–	1	1	1
rloo-road 1st H	14086	12	7	4	1	–	–	–	–	–	–	–	–	–	–	2	–
rloo-road 2nd H	18453	15	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
eth Church 1st H	19470	17	13	4	–	–	–	–	–	–	–	–	–	1	–	–	6
eth Church 2nd *W*	35831	39	12	5	2	–	–	–	–	–	–	–	–	3	–	1	1
ington 1st *W*	41284	26	17	3	5	–	–	1	–	–	–	–	–	–	–	–	–
ington 2nd	31213	21	8	2	2	–	–	–	–	1	–	–	–	–	1	1	–
on HL	35431	28	8	3	2	–	–	–	–	–	–	–	–	–	–	–	–
ood *W*	12534	8	2	–	–	–	–	1	–	–	–	–	–	–	–	–	–
am HL	27348	11	8	–	–	–	–	–	–	2	–	1	–	–	–	–	–
rsea *W*	53988	39	22	6	7	–	–	1	–	–	–	–	–	–	–	–	6
sworth HL	19797	7	6	1	–	–	–	–	1	–	–	–	–	–	–	–	2
y	9438	6	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ham	14479	15	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ich	4041	1	2	1	1	–	–	–	–	–	–	–	–	1	–	–	–
erwell *WL*†*L*†	31251	18	6	2	1	–	–	–	–	–	–	–	–	–	1	1	2
am *W*	42159	34	19	7	5	1	–	1	–	1	–	–	–	1	–	–	–
eorge Camberwell	33851	31	11	7	1	–	–	–	–	1	–	–	–	2	1	1	–
ul Deptford	53696	27	14	6	4	1	–	–	–	2	–	–	–	–	1	1	–
cholas Deptford	6487	1	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
wich West	21098	11	11	6	–	–	–	–	–	–	–	–	–	2	–	–	–
wich East *WH*	19320	14	15	2	6	–	–	–	–	–	–	–	1	2	–	–	8
m	4528	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ham Village *W*	16430	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ham	11508	13	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–
ton H	19016	9	6	1	3	–	–	–	–	–	–	–	–	–	–	–	–
wich Dockyard	9503	5	3	–	–	–	–	1	–	–	–	–	–	–	–	–	–
wich Arsenal H	17229	17	15	2	2	–	–	1	–	–	–	–	–	1	–	–	–
stead, West	18319	19	6	–	2	–	–	–	–	–	–	–	–	–	–	–	–
stead, East *W*	13028	5	5	3	–	–	–	1	–	–	–	–	–	–	–	–	–
	15290	14	3	2	–	–	–	1	–	1	–	–	–	–	–	–	–

llowing are Outlying Workhouses (indicated in the Tables by *w*):

. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
e Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
olborn Infirmary " "
ondon City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

Table 7.—METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 12th October, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
October.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
Sunday . .	6	..	30·167	61·3	35·3	26·0	47·1	40·0	118·7	29·0	54·8	52·5	7·1	15·4	0·0	— 5·8	76	Calm.	SSE.	0·2	0·0	0·0	96	0·00	..
Monday . .	7	..	30·041	63·4	37·9	25·5	50·6	43·4	109·0	29·4	54·8	52·4	7·2	15·1	0·0	— 1·9	76	Calm, S, & SW.	SW. & SSW.	0·8	0·0	0·1	196	0·00	..
Tuesday .	8	..	29·828	61·0	43·7	17·3	51·6	51·0	81·6	36·1	54·6	52·4	0·6	2·4	0·0	— 0·5	98	SSW. & WSW.	W.	0·4	0·0	0·0	210	0·07	..
Wednesday	9	First Qr. Greatest Dec. S.	29·529	56·8	43·7	13·1	49·4	48·6	64·3	37·1	54·6	53·0	0·8	4·8	0·0	— 2·4	97	WSW. & SW.	SW, NW, & W.	3·0	0·0	0·3	289	0·31	..
Thursday .	10	..	29·391	56·8	37·6	19·2	46·8	40·7	115·0	29·7	54·4	52·8	6·1	12·5	1·4	— 4·8	79	WSW.	SW. & SSW.	16·8	0·0	1·1	426	0·25	..
Friday . .	11	..	29·326	54·9	35·5	19·4	43·0	38·4	90·7	30·9	53·8	51·7	4·6	13·4	0·0	— 8·4	84	WSW. & W.	W. & WSW.	8·7	0·0	1·4	449	0·01	..
Saturday .	12	Perigee	29·517	51·7	34·0	17·7	42·3	37·9	98·0	26·7	53·0	50·0	4·4	10·6	2·0	— 8·9	84	WSW.	W. & WSW.	1·4	0·0	0·2	262	0·00	..
Means . .		..	29·686	58·0	38·2	19·7	47·3	42·9	96·8	31·3	54·3	52·1	4·4	10·6	0·5	— 4·7	85	WSW.		..	..	..	Sum 1928	Sum 0·64	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

Date.		Electricity.	Sky and Atmosphere.
October.			
Sunday .	6	Positive, increasing in intensity at night.	A very fine day throughout. Dense masses of cloud passed over in the afternoon; otherwise cloudless. Foggy at times.
Monday .	7	Positive, with variable tension.	Generally cloudless and very fine. Misty.
Tuesday .	8	Weak positive.	Overcast and misty. Rain occasionally.
Wednesday	9	Weak positive in morning.	Overcast with frequent rain till the evening. Cloudless and fine after 7h. P.M. Windy in afternoon. [Thunderstorm at Liverpool.]
Thursday .	10	Occasional weak positive.	A fine cloudless morning and night. Overcast between noon and 8h. P.M. Rain fell very heavily between 5h. and 7h. P.M., accompanied by heavy gusts of wind.
Friday .	11	Very strong positive and negative, with sparks and galvanic currents in the afternoon and evening.	Gale in early morning. The amount of cloud very variable till night; then cloudless and fine. A shower of rain fell in the afternoon. Gusty wind. [Thunderstorm at Liverpool, accompanied by hail.]
Saturday .	12	Strong positive; sparks and galvanic currents at times.	Dull and cloudy till about 8h. P.M., after which time it became very fine, and at times cloudless. [Lightning seen occasionally at

Notes.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 30·11 in. at the beginning of the week to

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

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General Register Office, Somerset House,
21*st October* 1872.

United Kingdom.

During the week ending Saturday last, 5149 *births* and 3370 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 18 per 1000 persons living in Edinburgh, 27 Glasgow, and 20 in Dublin.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 25, Norwich 28, Bristol 19, Wolverhampton 21, Birmingham 27, Leicester 26, Nottingham 26, Liverpool 27, Manchester 30, Salford 24, Oldham 40, Bradford 22, Leeds 28, Sheffield 26, Hull 23, Sunderland 25, and Newcastle-upon-Tyne 29. The fatal cases of scarlet fever in these towns, which in the three previous weeks had been 83, 95, and 110, further rose last week to 112, of which 30 occurred in Birmingham, 26 in Oldham, and 13 in Manchester; the annual death-rate from this disease was equal to 16 per 1000 in Oldham, and exceeded 4 per 1000 in Birmingham. The 9 deaths referred to small-pox in Portsmouth were equal to an annual rate of 4 per 1000.

London.

In London 2210 births and 1369 deaths were registered last week. After making due allowance for increase of population, the births were 20, and the deaths 92, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 20 and 19 per 1000 respectively, rose last week to 22. The rate, after distribution of the deaths in institutions in proportion to population, was 22 per 1000 in the West, 19 in the North, 21 in the Central, 23 in the East, and 22 in the South groups of Districts.

The 1369 deaths included 17 from small-pox, 15 from measles, 17 from scarlet fever, 12 from diphtheria, 37 from whooping-cough, 26 from different forms of fever (of which 3 were certified as typhus, 19 as enteric or typhoid, and 4 as simple continued fever), and 36 from diarrhœa; thus to the seven principal diseases of the zymotic class 160 deaths were referred, against 154 and 150 in the two preceding weeks. The fatal cases of whooping-cough slightly exceeded, while those of measles, scarlet fever, and diarrhœa were considerably below, the corrected average numbers in the corresponding week of the last ten years. Four deaths from measles were returned in Shoreditch, and 2 each in Battersea and Peckham; 2 fatal cases of scarlet fever occurred in St. James, Bermondsey; and 2 of enteric fever in each of the sub-districts of Brompton, Belgrave, and Lambeth Church Second. The 37 deaths from whooping-cough showed a further slight increase upon the numbers in recent weeks, including 3 in Sydenham and 3 in Belgrave sub-districts.

Small-pox caused 17 deaths last week, against 10 and 7 in the two previous weeks; 10 were recorded in the small-pox hospitals at Homerton, Stockwell, and Islington, and 6 in the East group of Districts. Seven were returned as unvaccinated cases, 4 as vaccinated, and the remaining 6 were "not stated" as to vaccination.

The mean temperature of the air at the Royal Observatory, Greenwich, was only 44°·4, and 5°·7 below the average of the corresponding week in 50 years; it nearly corresponded with the average for the third week in November. A considerable deficiency prevailed on each day of the week, and on Tuesday the mean was only 39°·6, and 10°·7 below the average.

The deaths referred to all diseases of the respiratory organs and phthisis, which in the five previous weeks had steadily increased from 288 to 406, further rose last week to 472 ; 190 were fatal cases of bronchitis, to which disease only 63 deaths were referred in the third week of August. The corrected average number of deaths from bronchitis for the corresponding week of the last ten years is 115, or 75 less than the number returned last week.

The deaths of 51 persons aged 80 years and upwards were registered during the week, including 7 aged over 90 years. The widow of a brewer's cooper died on 14th instant in Brown's-lane, Spitalfields, whose age was stated at 102 years.

To different forms of violence 40 deaths were referred ; 36 were the result of negligence or accident, including 15 from fractures and contusions, 7 from burns and scalds, 2 from drowning, 3 from poison, and 9 from suffocation. A labourer, aged 18 years, was suffocated on a kiln in Kensington, and a japanner, aged 41 years, died from lead paralysis. Four cases of suicide were registered during the week.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 42 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 20th instant ; of these, 38 occurred in the Metropolitan and 4 in the City Police Districts.

In the large Public Institutions 221 deaths were recorded, or 16 per cent. of the total deaths ; of these, 97 occurred in Workhouses, and 112 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 17th September were 378, including 159 from remittent fever, and the annual death-rate was equal to 31 per 1000. In Calcutta 230 deaths were returned in the week ending 7th ultimo. In Madras the 317 deaths in the week ending 20th ultimo showed an annual death-rate equal to 42 per 1000 ; 101 deaths were referred to fevers.

Foreign Cities.

In Paris 762 deaths were returned in the week ending last Friday, including 30 from enteric fever, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 87 deaths occurred in the week ending the 12th instant, and the annual death-rate was 25 per 1000. In Berlin during the week ending last Thursday, 584 deaths were recorded, showing an annual rate of 37 per 1000 ; 89 deaths were referred to enteric fever, and Dr. Zuelzer reports this disease to be fatally prevalent throughout the North of Germany. In Vienna the 419 deaths in the week ending the 12th instant gave an annual rate of 35 per 1000 ; 126 fatal cases of small-pox were reported. In Rome 183 deaths, including 34 from different forms of fever, were registered in the week ending 6th instant, and the annual death-rate was 39 per 1000.

In the City of New York 503 deaths were registered in the week ending 28th September, and the equivalent annual rate of mortality was 28 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·53 in. ; the highest reading was 29·85 in. on Monday morning, and the lowest 29·12 in. on Wednesday morning. The mean temperature of the *air* was 44°·4, or 5°·7 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week, and on Tuesday it was but 39°·6, and showed a deficiency of 10°·7. The highest day temperature in the shade was 56°·7 on Monday, and the lowest night temperature 29°·1 on the evening of the same day ; the extreme range in the week was, therefore, 27°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 90°·9 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 2°·1. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the " Scorpion " Police Ship, was 49°·7. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7 miles per hour. *Rain* fell on the last four days of the week to the amount of ·50 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 41°·5 in Wolverhampton to 44°·5 in Liverpool ; the lowest recorded night temperature was 26°·5 in Salford, and the highest day temperature in the shade 57°·0 in Norwich. Rain was measured in each of the towns ; the amounts varied from ·27 of an inch in Salford to one inch in Portsmouth.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 230,764 cubic metres, and at Barking 249,316 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SECOND Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1863	1939	1984	1932	1964	2171	2187	2095	2072	2038	2027·5	2210
Males . .	944	1001	997	963	1035	1082	1124	1061	1027	1057	1029·1	1146
Females .	919	938	987	969	929	1089	1063	1084	1045	1011	998·4	1064
TOTAL **Deaths**	1181	1205	1335	1265	1464	1332	1395	1476	1334	1291	1327·8	1369
Males . .	622	607	669	647	800	710	691	768	707	672	689·3	709
Females .	559	598	665	618	664	622	704	708	627	619	658·5	660

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.
TOTAL **Deaths** - - -	1643	1695	1598	1445	1274	1236	1236	1203	1106	1279	1276	1218	1369
Deaths under 5 years of age -	950	997	940	725	622	569	573	531	484	557	541	512	579
Deaths 5—20 - - -	82	86	72	81	80	85	82	82	82	85	84	81	98
Deaths 20—40 - - -	175	185	168	175	151	197	175	160	151	190	197	169	206
Deaths 40—60 - - -	201	215	197	212	195	187	187	198	177	202	202	194	232
Deaths 60—80 - - -	192	172	186	209	180	163	180	197	174	213	212	181	203
Deaths at 80 years & upwards	43	40	35	43	46	35	39	35	38	32	40	51	51
Deaths from Small-pox - -	33	28	15	16	15	8	6	12	5	9	10	7	17
„ „ Measles - -	25	20	18	26	12	15	17	9	10	12	9	7	15
„ „ Scarlet fever -	7	6	12	15	12	13	10	22	12	17	20	21	17
„ „ Diphtheria - -	5	5	6	4	3	3	5	2	5	5	5	5	12
„ „ Whooping-cough	50	49	37	36	35	34	32	26	31	38	31	34	37
„ „ Typhus fever -	3	4	3	5	2	2	5	3	3	4	6	4	3
„ „ Enteric (or Typhoid) fever -	14	17	12	16	16	20	8	18	21	17	19	16	19
„ „ Simple Continued fever	4	7	7	6	7	8	3	8	6	5	4	11	4
„ „ Diarrhœa - -	394	484	441	270	197	156	134	119	95	92	50	45	36
„ „ Simple Cholera -	19	33	24	11	12	13	7	2	7	2	—	—	3
„ „ Phthisis - -	159	150	153	156	133	173	145	123	126	173	152	150	163
„ „ Bronchitis - -	65	56	51	68	63	72	85	89	94	106	134	143	190
„ „ Pneumonia -	40	37	44	41	44	35	53	43	56	76	81	78	80
„ „ Heart Disease -	64	72	61	63	70	44	51	58	55	57	67	75	66
Mean Temperature of the Air	71·1	61·7	59·2	60·6	64·3	60·1	64·5	62·7	54·3	49·0	52·4	47·3	44·4
Mean Temperature of the Water of the Thames -	67·6	70·6	66·4	63·9	65·1	65·0	64·0	64·6	63·4	56·0	54·5	53·2	49·7
Humidity of the Air - -	81	82	86	72	72	77	75	82	78	81	86	85	92
Rain-fall in inches - -	1·00	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull: and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday th 19th day of October 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 19th Oct. 1872.	DEATHS registered during the Week ending 19th Oct. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5149	3370	58·2	26·5	43·5	6·39	0·73
LONDON	78,080	3,311,298	42·4	2210	1369	56·7	29·1	44·4	6·89	0·50
PORTSMOUTH	9,513	115,455	12·1	88	56	55·8	29·2	44·2	6·78	1·00
NORWICH	7,472	81,105	10·9	45	43	57·0	32·5	44·2	6·78	0·80
BRISTOL	4,688	186,428	39·8	115	67	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	62	28	52·4	27·1	41·5	5·28	0·94
BIRMINGHAM	7,831	350,164	44·7	250	181	54·4	30·0	42·5	5·84	0·95
LEICESTER	3,200	99,143	31·0	83	49	55·2	27·5	42·5	5·84	0·53
NOTTINGHAM	1,996	88,225	44·2	54	44	55·7	27·3	42·6	5·89	0·55
LIVERPOOL	5,108	499,897	97·9	365	260	54·3	32·1	44·5	6·95	0·91
MANCHESTER	4,486	352,759	78·6	253	204	—	—	—	—	—
SALFORD	5,172	127,923	24·7	108	59	56·5	26·5	42·9	6·06	0·27
OLDHAM	4,167	84,004	20·2	83	65	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	129	63	55·3	35·0	44·4	6·89	0·64
LEEDS	21,572	266,564	12·4	187	144	56·0	33·0	43·3	6·28	0·95
SHEFFIELD	22,830	247,847	10·9	159	123	54·0	30·0	42·7	5·95	0·80
HULL	3,562	124,976	35·1	86	54	56·0	27·0	43·3	6·28	0·67
SUNDERLAND	3,306	100,665	30·4	74	48	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	120	73	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	119	70	49·0	35·7	43·9	6·61	0·45
GLASGOW	5,063	489,136	94·8	404	252	54·7	30·9	44·7	7·06	0·16
DUBLIN	9,745	310,565	31·9	150	118	58·2	28·0	44·6	7·00	1·58

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 19th day of October 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2930	787	544	41	39	112	17	62	121	134	86	156
LONDON	22	1369	379	254	17	15	17	12	37	26	36	40	77
PORTSMOUTH	25	56	13	13	9	–	–	–	–	5	2	2	4
NORWICH	28	43	11	11	–	3	1	–	1	5	4	1	1
BRISTOL	19	67	15	17	2	1	–	–	–	–	6	2	3
WOLVERHAMPTON	21	28	8	6	–	–	3	–	–	1	1	–	–
BIRMINGHAM	27	181	45	22	5	1	30	–	6	6	12	7	17
LEICESTER	26	49	13	14	–	–	–	–	–	4	4	1	2
NOTTINGHAM	26	44	10	12	–	–	–	–	–	3	5	–	–
LIVERPOOL	27	260	78	60	2	12	5	2	7	13	12	14	18
MANCHESTER	30	204	51	29	–	5	13	–	1	12	14	3	9
SALFORD	24	59	13	9	–	–	1	–	–	3	3	6	7
OLDHAM	40	65	11	5	–	–	26	1	1	2	4	1	3
BRADFORD	22	63	18	9	2	1	–	1	1	3	2	1	3
LEEDS	28	144	35	22	3	–	8	1	3	15	10	4	4
SHEFFIELD	26	123	41	15	–	1	2	–	2	15	11	1	5
HULL	23	54	16	9	1	–	–	–	–	6	6	–	–
SUNDERLAND	25	48	18	14	–	–	–	–	3	1	–	–	–
NEWCASTLE-ON-TYNE	29	73	12	23	–	–	6	–	–	1	2	3	3
DUBLIN	20	118	27	25	2	4	2	–	2	4	6	6	5

TABLE 5.—DEATHS Registered in LONDON in the FORTY-SECOND Week of the Year 1872.

CAUSES OF DEATH.	Average in the Forty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, October 19, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature	50°·5	44°·4						
ALL CAUSES	1327·8	1369	579	98	206	232	203	51
SPECIFIED CAUSES	1321·9	1364	577	97	205	231	203	51
ZYMOTIC DISEASES.								
ORDER 1.								
Small-pox	16·9	17	4	4	7	2	–	–
Measles	29·0	15	14	1	–	–	–	–
Scarlet Fever (Scarlatina)	101·0	17	13	4	–	–	–	–
Diphtheria	10·1	12	9	3	–	–	–	–
Quinsy	·5	2	–	2	–	–	–	–
Croup	13·1	19	16	3	–	–	–	–
Whooping-cough	29·9	37	34	3	–	–	–	–
Typhus	51·7	3	–	2	1	–	–	–
Enteric or Typhoid Fever		19	1	5	9	2	2	–
Simple continued Fever		4	–	1	1	1	1	–
Erysipelas	10·3	12	6	–	4	2	–	–
Puerperal Fever (Metria)	3·5	8	–	–	7	1	–	–
Carbuncle	·8	1	–	–	1	–	–	–
Influenza	·7	–	–	–	–	–	–	–
Dysentery	2·3	5	1	1	1	1	1	–
Diarrhœa	43·6	36	34	–	–	–	–	2
Simple Cholera	15·7	3	2	–	1	–	–	–
Ague	·2	–	–	–	–	–	–	–
Remittent Fever	·8	1	–	–	1	–	–	–
Rheumatism	8·6	8	–	4	1	2	1	–
Other *Zymotic* Diseases	·5	–	–	–	–	–	–	–
ORDER 2.								
Syphilis	9·1	8	8	–	–	–	–	–
Stricture of Urethra	1·2	1	–	–	1	–	–	–
Hydrophobia	–	–	–	–	–	–	–	–
Glanders	–	–	–	–	–	–	–	–
ORDER 3.								
Privation	·3	–	–	–	–	–	–	–
Want of Breast-milk	8·2	15	15	–	–	–	–	–
Purpura and Scurvy	1·3	2	1	–	–	–	1	–
Delirium Tremens	2·4	1	–	–	–	1	–	–
Alcoholism	·4	2	–	–	1	1	–	–
ORDER 4.								
Thrush	4·2	1	1	–	–	–	–	–
Worms, &c.	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
ORDER 1.								
Gout	1·4	3	–	–	–	–	3	–
Dropsy	14·4	7	1	1	1	2	2	–
Cancer	29·5	30	–	1	3	12	14	–
Cancrum Oris (Noma)	·6	1	1	–	–	–	–	–
Mortification	3·0	3	–	–	–	1	1	1
ORDER 2.								
Scrofula	8·5	7	2	2	2	1	–	–
Tabes Mesenterica	21·2	26	24	1	–	1	–	–
Phthisis	155·8	163	8	16	78	53	8	–
Hydrocephalus	22·9	26	22	4	–	–	–	–
LOCAL DISEASES.								
ORDER 1.								
Encephalitis	12·9	20	8	6	3	3	–	–
Apoplexy	36·5	35	1	1	3	12	16	2
Paralysis	25·3	29	–	–	2	6	17	4
Insanity	1·1	1	–	–	–	–	–	1
Chorea	–	–	–	–	–	–	–	–
Epilepsy	8·4	8	–	2	2	1	3	–
Convulsions	46·4	46	45	1	–	–	–	–
Brain Disease, &c.	13·9	14	2	3	2	4	2	1
ORDER 2.								
Pericarditis	1·6	–	–	–	–	–	–	–
Aneurism	2·6	3	–	–	–	1	1	1
Heart Disease, &c.	60·0	66	1	6	11	25	21	2
ORDER 3.								
Laryngitis	5·1	6	5	–	–	1	–	–
Bronchitis	104·2	190	102	4	8	31	36	9
Pleurisy	2·8	7	–	1	2	1	3	–
Pneumonia	78·5	80	50	4	6	12	7	1
Asthma	6·0	4	–	–	1	2	1	–
Lung Disease, &c.	12·6	22	8	1	5	6	1	1
ORDER 4.								
Gastritis	2·0	4	–	1	1	–	1	1
Enteritis	5·7	3	2	–	–	–	1	–
Peritonitis	5·2	4	–	–	2	–	2	–
Ascites	2·9	3	–	–	–	2	1	–
Ulceration of Intestines	2·6	3	1	–	1	–	1	–
Hernia	2·3	5	–	1	1	–	2	1
Ileus	3·3	4	1	–	–	1	–	2
Intussusception	1·0	2	–	–	–	1	1	–

CAUSES OF DEATH.	Average in the Forty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, October 19, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature	50°·5	44°·4						
9. Stricture of Intestines	·6	2	–	–	–	1	1	–
10. Fistula	·2	1	–	–	–	1	–	–
11. *Stomach Disease, &c.*	5·8	7	2	–	–	–	3	2
12. *Pancreas Disease, &c.*	·1	–	–	–	–	–	–	–
13. Hepatitis	3·7	4	1	–	–	3	–	–
14. Jaundice	4·2	8	3	–	1	1	3	–
15. *Liver Disease, &c.*	16·9	19	1	1	2	10	5	–
16. *Spleen Disease, &c.*	–	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis	1·9	1	–	–	1	–	–	–
2. Ischuria	·4	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	7·5	14	–	3	5	2	4	–
4. Diabetes	1·1	2	–	–	1	1	–	–
5. Calculus (Stone)	·5	1	–	–	–	1	–	–
6. Cystitis	1·4	2	–	–	–	1	1	–
7. *Kidney Disease, &c.*	7·5	5	–	–	–	–	5	–
ORDER 6.								
1. Ovarian Dropsy	·8	–	–	–	–	–	–	–
2. *Uterus Disease, &c.*	4·8	6	–	–	2	4	–	–
ORDER 7.								
1. Synovitis (Arthritis)	·5	3	1	–	–	2	–	–
2. *Joint Disease, &c.*	4·5	6	–	1	3	1	1	–
ORDER 8.								
1. Phlegmon	2·1	3	2	–	1	–	–	–
2. Ulcer	1·0	1	–	–	–	–	1	–
3. *Skin Disease, &c.*	1·7	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth	19·5	23	23	–	–	–	–	–
2. Cyanosis	2·6	3	3	–	–	–	–	–
3. Spina Bifida	1·5	–	–	–	–	–	–	–
4. Other Malformations	1·2	2	2	–	–	–	–	–
5. Teething	11·0	8	8	–	–	–	–	–
ORDER 2.								
1. Paramenia	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	4·9	12	–	–	11	1	–	–
ORDER 3.								
1. Old Age	44·8	34	–	–	–	–	14	20
ORDER 4.								
1. Atrophy and Debility	59·6	83	71	–	1	1	10	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	17·6	15	2	–	3	6	3	1
2. Wounds: Gunshot	·6	–	–	–	–	–	–	–
2. Wounds: Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds	3·7	7	5	1	–	–	1	–
4. Poison	·7	3	1	–	–	2	–	–
5. Drowning	5·0	2	1	1	–	–	–	–
6. Suffocation	6·3	9	8	1	–	–	–	–
7. Otherwise	2·2	–	–	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·0	–	–	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds: Gunshot	·2	1	–	–	1	–	–	–
1. Wounds: Cut, Stab	·9	1	–	–	–	1	–	–
2. Poison	·8	2	–	–	2	–	–	–
3. Drowning	1·1	–	–	–	–	–	–	–
4. Hanging	1·2	–	–	–	–	–	–	–
5. Otherwise	·3	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging	·2	–	–	–	–	–	–	–
Violent Deaths (not classed)	·1	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	1·7	1	–	–	1	–	–	–
Causes not specified or ill-defined	4·2	4	2	1	–	1	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	
LONDON	3,251,804	2210	1369	379	254	17	15	17	12	37	3	19	4	36	40	77	
WEST DISTRICTS	561,189	340	240	61	52	–	1	3	1	6	–	5	–	7	7	14	
NORTH DISTRICTS	751,668	477	275	71	61	7	1	4	1	4	1	4	2	5	6	20	
CENTRAL DISTRICTS	333,887	203	154	37	28	–	2	2	–	4	–	3	–	3	8	12	
EAST DISTRICTS	638,928	478	291	87	45	6	6	4	–	10	1	1	2	9	8	16	
SOUTH DISTRICTS	966,132	712	409	123	68	4	5	4	10	13	1	6	–	12	11	15	
WEST DISTRICTS.																	
St. Mary Paddington *WH*	58702	44	23	4	6	–	–	1	–	–	–	–	–	1	1	1	
St. John Paddington H	38082	12	11	1	3	–	–	–	1	–	–	–	–	–	1	1	
Kensington Town *WL*	91583	60	38	14	8	–	–	1	–	2	–	–	–	1	2	4	
Brompton H	28651	13	11	2	1	–	1	–	–	–	–	2	–	–	1	1	
St. Peter Hammersmith	6662	4	2	–	2	–	–	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	27	15	1	3	–	–	1	–	–	–	–	–	2	–	–	
Fulham *WLLLL*	23378	20	7	2	2	–	–	–	–	–	–	–	–	1	–	2	
Chelsea South HH	26419	15	18	1	7	–	–	–	–	–	–	–	–	–	–	–	
Chelsea North-west *HWw*	23278	13	5	2	2	–	–	–	–	–	–	–	–	–	1	1	
Chelsea North-east L	21389	13	9	4	–	–	–	–	–	–	–	–	–	–	–	–	
Hanover Square	18700	7	8	3	3	–	–	–	–	–	–	–	–	–	–	–	
May Fair *W*	13020	10	3	1	1	–	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	37	28	12	3	–	–	–	–	3	–	2	–	–	–	1	
St. John Westminster HHH	38470	25	16	3	3	–	–	–	–	–	–	1	–	1	–	–	
St. Margaret Westminster *WWHH*	27640	12	24	4	3	–	–	–	–	–	–	–	–	1	1	1	
St. James's Square	10453	3	3	1	2	–	–	–	–	1	–	–	–	–	–	1	
Golden Square *W*	12855	9	5	2	–	–	–	–	–	–	–	–	–	–	–	1	
Berwick-street	10279	2	4	1	1	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	14	10	3	2	–	–	–	–	–	–	–	–	–	–	–	
NORTH DISTRICTS.																	
All Souls Marylebone HH	28374	21	20	3	2	–	1	–	–	–	–	–	–	–	1	1	
Cavendish Square	15419	7	6	2	2	–	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *WH*	26387	12	12	3	5	–	–	–	–	–	–	1	–	–	–	–	
St. Mary Marylebone H	21795	18	5	1	–	–	–	–	–	–	–	–	–	1	–	–	
Christchurch Marylebone	33892	25	21	7	4	–	–	–	–	–	–	–	–	2	1	2	
St. John Marylebone	33110	15	16	4	4	–	–	–	–	–	–	–	–	1	–	–	
Hampstead *WHHH*	32271	17	6	–	3	–	–	–	–	–	–	1	–	–	–	–	
Regent's Park Pancras	38192	28	5	1	1	–	–	1	–	–	–	–	–	–	–	–	
Tottenham-court *wH*	29360	8	5	1	2	–	–	–	–	–	–	–	–	–	–	–	
Gray's Inn Lane H	29216	17	16	7	2	–	–	–	–	–	–	–	–	–	–	1	
Somers Town	38562	28	14	6	3	–	–	–	–	1	–	–	–	–	–	1	
Camden Town *W*	18066	12	12	4	6	–	–	–	–	–	–	–	–	–	–	2	
Kentish Town *W*	68198	51	25	9	5	–	–	–	1	1	1	–	–	–	1	2	
Islington West HHH	97801	66	33	8	5	1	–	–	–	–	–	1	–	–	–	4	
Islington East *WwwH*	115948	73	36	7	8	–	–	1	–	1	–	–	–	1	3	5	
Stoke Newington L	9810	2	4	1	2	–	–	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	16	7	1	1	–	–	–	–	–	–	1	–	–	–	–	
Hackney *WwHHL*	50087	38	22	6	2	6	–	1	–	1	–	–	–	–	–	2	1
South Hackney L	30305	17	7	–	3	–	–	1	–	–	–	–	2	–	–	–	
CENTRAL DISTRICTS.																	
St. George Bloomsbury	17843	10	5	2	1	–	–	–	–	–	–	–	–	1	–	–	
St. Giles South *WH*	19089	11	11	5	1	–	–	–	–	–	–	1	–	–	1	2	
St. Giles North	16497	12	8	3	2	–	–	–	–	–	–	–	–	–	–	–	
Long Acre	11826	5	5	2	1	–	–	–	–	–	–	–	–	–	–	–	
Charing Cross H	9831	3	8	–	–	–	–	–	–	–	–	–	–	–	1	3	
St. Mary-le-Strand	9376	6	2	–	1	–	–	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	5	6	3	–	–	–	–	–	–	–	–	–	–	–	1	
St. George-the-Martyr HHH	20521	14	11	1	3	–	–	1	–	–	–	–	–	–	–	–	
St. Andrew Eastern *W*	13528	8	18	3	6	–	–	–	–	–	–	–	–	–	2	2	1
Saffron Hill	9051	4	5	–	3	–	–	–	–	–	–	–	–	–	1	–	
St. James Clerkenwell *W*	18912	18	8	3	–	–	–	–	–	1	–	–	–	1	–	–	
Amwell Clerkenwell	16878	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–	
Pentonville	13293	7	6	1	–	–	1	–	–	1	–	–	–	–	–	–	
Goswell-street	16220	6	3	1	2	–	–	–	–	–	–	–	–	–	–	–	
Old-street H	12156	8	4	–	–	–	–	–	–	–	–	1	–	–	–	–	
City-road *WHHL*	18291	24	7	2	2	–	–	–	–	–	–	1	–	–	–	–	
Whitecross-street	13790	8	2	1	–	–	–	–	–	–	–	–	–	–	1	1	
Finsbury	10732	10	5	2	1	–	1	–	–	–	–	–	–	1	–	–	
St. Botolph East London HH	14484	12	7	2	2	–	–	–	–	–	–	–	–	–	–	–	
Cripplegate	13659	8	5	2	–	–	–	–	–	–	–	–	–	–	–	–	
St. Sepulchre H	7562	3	17	1	1	–	–	–	–	2	–	–	–	–	2	3	1
St. Bride *W*	11184	3	3	1	–	–	–	–	–	–	–	–	–	–	–	–	
Castle Baynard	4389	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	3	2	1	–	–	–	1	–	–	–	–	–	–	–	–	
Broad Street	7858	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
rday, 19th October 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch	12429	7	5	3	-	-	-	-	-	-	-	-	-	1	-	1	-
Leonard Shoreditch HL†	16545	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
tton New Town *w*	27832	17	11	2	4	-	1	1	-	-	-	-	-	-	-	-	1
tton Old Town	26944	20	10	4	2	-	1	-	-	-	-	-	-	-	-	-	-
ggerstone West *W*	24153	20	19	6	6	-	2	-	-	2	-	-	-	-	-	-	2
gerstone East	19257	22	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-
kney-road	29308	24	7	3	1	-	1	-	-	1	-	-	-	-	-	-	-
en, Bethnal Green *W*HL†	42443	39	18	5	3	2	-	-	-	1	-	-	2	-	-	-	-
rch, Bethnal Green	26574	19	13	2	2	1	-	1	-	-	-	-	-	-	-	-	-
vn, Bethnal Green	21375	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
illery Whitechapel	6651	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
allfields	15844	9	8	-	3	-	-	-	-	-	-	-	-	1	1	1	-
e End New Town *W*	15550	7	10	-	3	-	1	-	-	-	-	-	-	-	-	-	7
itechapel North	11434	12	6	1	3	-	-	-	-	-	-	-	-	-	-	1	-
itechapel Church H	7323	9	19	-	3	-	-	-	-	-	-	-	-	-	4	4	16
dman's Fields	10381	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	9149	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Mary St. George East	17906	15	7	3	-	-	-	-	-	-	-	-	-	2	-	-	-
Paul St. George East	21356	13	8	2	2	-	-	-	-	-	-	-	-	-	1	1	-
John St. George East *W*	8973	9	10	3	2	-	-	-	-	-	-	-	-	-	-	-	4
dwell	11623	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cliff H	15930	4	8	4	1	-	-	-	-	-	-	-	-	-	-	-	1
nehouse *W*	30025	22	18	3	-	1	-	1	-	-	-	1	-	-	-	-	-
e End Old Town West	38126	31	10	5	2	-	-	-	-	1	-	-	-	1	-	-	-
e End Old Town East *W*H	45020	43	20	11	3	1	-	-	-	2	-	-	-	-	-	-	1
v *W*HL†	67777	54	38	14	1	1	-	-	-	2	-	-	-	2	2	4	12
lar *W*	48500	31	24	10	2	-	-	1	-	1	1	-	-	2	-	3	-
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	14	9	2	-	-	-	-	-	-	-	1	-	1	-	-	-
Saviour Southwark H	15667	13	6	-	-	-	-	-	-	1	-	-	-	-	1	1	2
it-road	20430	19	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ough-road *W*H	16694	13	10	6	1	-	-	-	-	-	-	-	-	-	-	-	2
don-road L	18959	17	6	2	3	-	-	-	-	-	-	-	-	-	-	-	2
nity Newington	23673	23	13	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth *W*	48232	33	22	5	3	-	-	-	-	-	-	-	-	1	-	-	2
Mary Newington	16786	10	5	2	1	-	-	-	-	-	-	-	-	1	1	2	-
Olave Southwark H	4157	1	9	1	3	-	-	-	-	-	-	-	-	-	1	1	7
John Horsleydown *W*	10595	9	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ther Market	16785	14	5	2	-	-	-	-	-	1	1	-	-	-	-	-	-
Mary Magdalen *W*	15707	16	6	1	2	-	-	-	-	-	-	-	-	-	-	-	1
James Bermondsey	47921	48	18	3	3	-	-	2	1	-	-	-	-	-	-	-	-
therhithe *W*	25873	14	14	6	1	-	-	-	-	-	-	-	-	-	-	-	-
terloo-road 1st H	14086	10	9	2	2	-	-	-	1	-	-	-	-	-	-	-	1
terloo-road 2nd H	18453	13	4	2	-	-	-	-	-	1	-	-	-	1	-	-	-
mbeth Church 1st H	19470	15	14	2	1	-	-	-	-	-	-	1	-	-	3	3	6
mbeth Church 2nd *W*	35831	37	11	2	4	-	-	-	-	-	-	2	-	-	1	1	3
nnington 1st *W*	41284	30	14	7	2	-	-	-	-	-	-	-	-	1	-	1	-
nnington 2nd	31218	17	6	2	1	-	-	-	-	1	-	-	-	-	-	-	-
ixton HL	35431	18	13	1	4	3	-	-	-	-	-	1	-	-	-	-	4
rwood *W*	12534	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pham HL	27348	11	9	5	1	-	1	-	-	1	-	-	-	1	-	-	-
ttersea *W*	53988	48	23	9	3	-	2	-	3	-	-	-	-	1	1	2	2
ndsworth HL	10797	13	8	-	1	-	-	-	2	1	-	-	-	-	-	-	3
tney	9438	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
eatham	14479	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nberwell *W*L†	31251	21	24	7	11	-	-	-	-	-	-	-	-	-	-	-	10
ckham *W*	42159	33	21	8	2	-	2	-	-	-	-	-	-	1	-	-	-
George Camberwell	33851	28	18	8	2	1	-	-	-	1	-	-	-	-	3	2	-
Paul Deptford	53696	35	18	3	2	-	-	-	-	1	-	1	-	-	-	-	-
Nicholas Deptford	6487	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
eenwich West	21098	15	8	2	-	-	-	-	-	2	-	-	-	-	-	1	-
eenwich East *W*H	19320	19	8	-	5	-	-	-	-	-	-	-	-	-	-	1	5
ham	4528	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	14	8	3	2	-	-	-	-	-	-	-	-	1	-	-	-
wisham Village *W*	11508	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	1
lenham	19016	10	9	4	-	-	-	1	1	3	-	-	-	-	-	-	-
arlton H	9503	6	6	1	-	-	-	-	-	-	-	-	-	1	-	-	2
olwich Dockyard	17229	7	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-
olwich Arsenal H	18319	15	11	4	1	-	-	1	-	-	-	-	-	-	-	-	1
mstead West	13028	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead East *W*	15290	11	10	3	1	-	-	-	2	-	-	-	-	1	-	-	2

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - ,, ,, Tottenham-court sub-district.
London City - - ,, ,, Islington East.
Holborn Infirmary - ,, ,,
London City - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19th OCTOBER, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°						lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	13	..	29·649	53·9	34·8	19·1	43·1	38·0	86·2	26·4	52·0	49·0	5·1	9·4	0·0	— 7·8	82	WSW.	WSW. & NE.	0·3	0·0	0·0	158	0·00	..
MONDAY .	14	..	29·831	56·7	29·1	27·6	41·2	37·7	90·9	25·4	51·6	49·3	3·5	12·7	0·0	— 9·4	87	Calm	NE. & Calm	0·1	0·0	0·0	79	0·00	..
TUESDAY .	15	In Equator	29·582	49·2	36·1	13·1	39·6	39·3	80·5	28·1	51·4	48·6	0·3	4·6	0·0	—10·7	99	Calm & WSW.	WSW. & S.	0·6	0·0	0·0	166	0·00	..
WEDNESDAY	16	Full	29·163	55·5	35·0	20·5	44·9	41·4	71·4	29·2	50·9	48·0	3·5	11·0	0·0	— 5·1	88	SSE, SE, & SSW.	SSW. & SSE.	2·6	0·0	0·1	216	0·09	..
THURSDAY .	17	..	29·442	54·3	39·2	15·1	46·8	45·5	87·9	30·3	50·9	48·0	1·3	5·6	0·0	— 3·0	95	ESE. & E.	ENE.	2·5	0·0	0·1	253	0·01	..
FRIDAY .	18	..	29·470	54·0	43·2	10·8	47·8	47·4	61·0	41·0	50·6	47·5	0·4	2·9	0·0	— 1·8	98	E. & Calm	E. & WSW.	2·6	0·0	0·1	206	0·28	..
SATURDAY .	19	..	29·535	53·7	41·7	12·0	47·3	46·5	67·2	34·4	50·6	47·6	0·8	7·4	0·0	— 2·0	97	SSE.	ESE. & Calm	0·5	0·0	0·0	136	0·12	..
MEANS . .		..	29·525	53·9	37·0	16·9	44·4	42·3	77·9	30·7	51·1	48·3	2·1	7·7	0·0	— 5·7	92	Variable.		..	..	..	Sum 1214	Sum 0·50	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. OCTOBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	13	Strong positive throughout.	A fine though cloudy day. Very foggy at night.
MONDAY .	14	Strong positive occasionally.	Hoar frost in early morning. Cloudy generally during the day. Cloudless and very fine at other times. Foggy. A magnetic disturbance began at 10h. 20m. P.M.
TUESDAY .	15	Positive, with variable tension.	Dense fog prevalent in early morning. Cloudy till night; then cloudless. The magnetic disturbance continued.
WEDNESDAY	16	Strong positive, with sparks at night.	Generally overcast till noon; variable afterwards. Frequent rain at night. The magnetic disturbance continued.
THURSDAY .	17	Positive, with variable tension.	Generally overcast throughout. Foggy and occasional rain in early morning. The magnetic disturbance continued.
FRIDAY .	18	Strong positive in morning.	Overcast till 8h. P.M. Rain, increasing in heaviness, fell in the afternoon and early evening. Fine and cloudless after 10h. P.M. The magnetic disturbance ceased at 10h. P.M.
SATURDAY .	19	Positive, with variable tension.	Overcast throughout. Thin rain fell after 2h. P.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·58 in. at the beginning of the week to 29·85 in. by 9h. A.M. of the 14th; decreased to 29·12 in. by 9h. A.M. of the 16th; increased to 29·46 in. by noon of the 17th; decreased to 29·43 in. by 3h. P.M. on the same day; increased to 29·53 in. by 9h. A.M. of the 18th; decreased to 29·40 in. by 3h. P.M. on the same day;

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 43. 1872. Vol. XXXIII.] Week ending Saturday, October 26. [Price 1½d.

General Register Office, Somerset House,
28th October 1872.

United Kingdom.

During the week ending Saturday last, 5143 *births* and 3385 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 21 per 1000 persons living in Edinburgh, 27 in Glasgow, and 27 in Dublin.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 22 per 1000; Portsmouth 19, Norwich 29, Bristol 21, Wolverhampton 30, Birmingham 26, Leicester 25, Nottingham 27, Liverpool 25, Manchester 28, Salford 27, Oldham 35, Bradford 17, Leeds 31, Sheffield 22, Hull 25, Sunderland 21, and Newcastle-upon-Tyne 25. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 110 and 112, further rose to 117 last week, of which 30 occurred in Oldham, 23 in Birmingham, and 15 in Manchester; these numbers were equal to an annual rate of 19, 3, and 2 per 1000 respectively. The deaths from small-pox continue to decline in Portsmouth. The fatality from fever, principally enteric, was excessive last week both in Sheffield and Hull, and the death-rate from this cause was equal to 3 and 5 per 1000.

London.

In London 2205 births and 1381 deaths were registered last week. After making due allowance for increase of population, the births were 115, and the deaths 101, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 20, 19, and 22 per 1000, was again 22 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 22 per 1000 in the West, 19 in the North, 20 in the Central, 26 in the East, and 22 in the South groups of Districts. The rate in the East Districts was unduly raised by the registration of an unusual number of inquest cases, through delay on the part of the Coroner for East London in transmitting information relating thereto to the respective Registrars.

The 1381 deaths included 6 from small-pox, 4 from measles, 22 from scarlet fever, 9 from diphtheria, 31 from whooping-cough, 28 from different forms of fever (of which 3 were certified as typhus, 19 as enteric or typhoid, and 6 as simple continued fever), and 32 from diarrhœa; thus to the seven principal diseases of the zymotic class 132 deaths were referred, against 150 and 160 in the two preceding weeks. Each of these numbers was below the corrected average for the corresponding week of the last ten years, and the deaths from these seven diseases were in the aggregate no less than 165 below this average. London, therefore, is just now remarkably free from fatal zymotic disease. Four deaths from scarlet fever, however, were returned last week in Poplar, and 5 in Hackney; 2 fatal adult cases of diphtheria occurred in one house in Upper Charles Street, Holborn; and 2 of enteric fever in Bromley (Bow). Of small-pox only 6 persons died, against 7 and 17 in the two previous weeks; of these, 3 were returned as unvaccinated, one as vaccinated, and 2 as "not stated"; all the 6 cases occurred in the East and South Districts of London.

The death of the wife of a cabman, on 17th instant, in Polygon Mews South, (Paddington), was stated by the medical attendant to have been accelerated by "pestilential exhalations from untrapped drains producing pyæmia;" the husband of the deceased was also stated to have nearly lost his life from the same cause.

The mean temperature of the air at the Royal Observatory, Greenwich, was 47°·4, and 1°·0 below the average of the corresponding weeks in 50 years; an

excess of temperature prevailed on the first two and last two days of the week, while there was a deficiency on Tuesday, Wednesday, and Thursday. The rainfall during the first nine months of this year at the Greenwich Observatory was 18·7 inches, and ·6 of an inch below the average fall for the same period in 57 years; during the 26 days of October ending last Saturday, on 18 of which rain fell, the amount measured was 3·6 inches, the average fall for the month being 2·8 inches.

The proportion of deaths of persons aged 60 years and upwards, which in the two previous weeks had been 19·0 and 18·6 per cent., rose last week to 21·7 per cent.; 59 deaths were of persons aged upwards of 80 years.

The deaths referred to all diseases of the respiratory organs and phthisis, which in the six previous weeks had steadily increased from 288 to 472, further rose last week to 513, of which 204 resulted from bronchitis, 167 from phthisis, and 104 from pneumonia. The corrected average number of deaths from these diseases, in the corresponding week of the last ten years was 448, or 65 less than those returned last week.

The deaths of 2 adults, and of 11 infants were directly referred to syphilis, exceeding by 6 the corrected average number. Seven deaths resulted from puerperal fever, which also exceeded the average.

To different forms of violence 65 deaths were ascribed; 54 were the result of negligence or accident, including 26 from fractures and contusions, 11 from burns and scalds, 5 from drowning, and 11 from suffocation; two of the latter were adult cases:—A labourer, aged 40 years, through inhaling gas, and the widow of an ostler accidentally suffocated whilst drunk. Seven cases of suicide, and one of murder, were registered during the week.

Two of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 58 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 27th instant; of these, 50 occurred in the Metropolitan and 8 in the City Police Districts.

During the week 113 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 84 and 77 in the two preceding weeks; these showed a proportion to the total deaths of 8 per cent.

In the large Public Institutions 221 deaths were recorded, or 16 per cent. of the total deaths; of these, 117 occurred in Workhouses and 91 in Hospitals.

Dr. Frankland, F.R.S., reports that during October all the Metropolitan Water Companies delivered well filtered, clear, and transparent water into the cisterns and butts of the consumers. Taking unity to represent the amount of organic impurity in the Kent Company's water, the proportion in an equal volume of water supplied by each of the other Metropolitan Companies was:—New River 1·1, West Middlesex 2·5, Grand Junction 2·9, Southwark and Vauxhall 3·0, East London 3·1, and Chelsea and Lambeth each 3·2. The comparative freedom from organic impurity shown by the New River water is doubtless due to the "admixture of much spring and deep well water." The Kent Company's water is entirely derived from deep chalk wells. The Birmingham water during October was reported by Dr. Hill to be inefficiently filtered and to contain a large proportion of "nitrogenised organic matter."

Major Bolton, R.E., Water Examiner to the Board of Trade, reports that the state of the Thames at Hampton, Molesey, and Sunbury, where the intake of the West Middlesex, Grand Junction, Southwark and Vauxhall, Lambeth, and East London Companies is situated, was very satisfactory during the month ending 15th instant. The river was also clear and bright at Ditton, where the Chelsea Company now alone draws its supply. Several of the water companies have new storage reservoirs in course of construction which will to a great extent obviate the necessity of taking in water when the condition of the Thames, from floods or other causes, is unsatisfactory; till recently the West Middlesex was the only company whose storage capacity was adequate for this purpose.

Indian Cities.

In Bombay the deaths registered during the week ending 24th September were 329, including 130 from remittent fever, and the annual death-rate was equal to 27 per 1000. In Calcutta 245 deaths were returned in the week ending the 14th ultimo. In Madras the 290 deaths in the week ending 27th ultimo, including 92 from fevers, showed an annual death-rate equal to 38 per 1000.

Foreign Cities.

In Paris 732 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 63 deaths occurred in the week ending the 19th instant, and the annual death-rate was 18 per 1000. In Berlin during the week ending last Thursday, 465 deaths were recorded, showing an annual rate of 29 per 1000; 85 deaths were referred to enteric fever, against 89 in the previous week. In Vienna the 375 deaths in the week ending the 19th instant gave an annual rate of 31 per 1000; 107 fatal cases of small-pox were reported. In Rome 146 deaths were registered in the week ending 13th instant, and the annual death-rate was 31 per 1000.

In the City of New York 479 deaths were registered in the week ending October 5th, and the equivalent annual rate of mortality was 27 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·30 in.; the highest reading was 29·60 in. on Wednesday morning, and the lowest 29·04 in. on Thursday evening. The mean temperature of the *air* was 47°·4, or 1°·0 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was below the average on Tuesday, Wednesday, and Thursday, while a small excess prevailed on each of the other days; on Sunday 20th the mean was 51°·4 and 2°·3 above the average, while on Wednesday it was only 41°·1, and 7°·4 below the average. The highest day temperature in the shade was 59°·1 on Monday, and the lowest night temperature 32°·6 on Wednesday; the extreme range in the week was therefore, 26°·5. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 95°·0 on Friday. The difference between the mean *dew-point* and *air* temperature averaged 2°·4. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 49°·0. The mean degree of *humidity* of the air was 92, complete saturation being represented by 100. The general direction of the *wind* was S.S.W., and the horizontal movement of the air averaged 8 miles per hour. *Rain* fell on each day of the week except Wednesday; the amount measured was 2·04 ins., of which ·91 of an inch fell on Saturday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 44°·1 in Manchester to 46°·8 in Norwich; the lowest recorded night temperature was 28°·0 in Manchester, and the highest day temperature in the shade 57°·4 in Portsmouth. Rain was measured in each of the towns; the amounts varied from ·69 of an inch in Norwich, to 2·38 inches in Wolverhampton.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 378,392 cubic metres, and at Barking 333,034 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of September 1872: thus, according to their account, 114,696,589 gallons or 521,119 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 230·0 gallons (104·5 decalitres), rather more than a *ton* by weight, to each house, and 32·4 gallons (14·7 decalitres) to each person.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	September 1871.	September 1872.	September 1871.	September 1872.
Total Supply	490,332	498,574	114,354,087	114,696,589
From Thames	227,806	232,640	60,233,238	58,924,214
From Lea and from other Sources	262,526	265,934	54,120,849	55,772,375
Thames.				
Chelsea	27,838	28,154	9,621,800	9,448,100
West Middlesex	42,614	43,930	10,028,244	9,894,049
Southwark and Vauxhall	78,597	78,985	16,438,520	16,460,125
Grand Junction	31,820	33,013	12,193,223	11,385,940
Lambeth	46,937	48,558	11,951,451	11,736,000
Lea and other Sources.				
New River	119,543	120,472	26,834,000	27,266,000
East London	102,624	104,196	20,321,500	21,334,400
Kent	40,359	41,266	6,965,349	7,171,975

Note.—The Return for September 1872, as compared with that for the corresponding month of last year shows an increase of 8,242 houses, and an increase of 342,502 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for October.

Sir, *Royal College of Chemistry, 25th October* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of October. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

All the metropolitan waters were clear and transparent when drawn from the Companies' mains.

Taking the amount of organic impurity in the Kent Company's water as unity, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was :— New River 1·1, West Middlesex 2·5., Grand Junction 2·9, Southwark 3·0, East London 3·1, and Chelsea and Lambeth 3·2.

The water abstracted from the Thames and Lea by the Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, New River, and East London Companies continues to preserve its summer, or more satisfactory, character. All these companies have efficiently filtered the water and delivered it clear and transparent into the cisterns or butts of consumers. The New River Company's water was, as usual, the best of the river waters, an advantage which it owes chiefly to the admixture of much spring and deep well water. This Company's water approximates very closely in freedom from organic matter to that delivered by the Kent Company.

Dr. Hill reports that the water supplied to Birmingham was not effectively filtered, and that it contained a rather large proportion of nitrogenised organic matter.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea - - -	14th October, Cab Rank, Horse Guards	10·0	24·86	·163	·019	·001	·199	·219	1680	1·75	19·7
West Middlesex -	14th October, Cab Rank, Portland-road	10·8	25·94	·126	·016	·000	·178	·194	1460	1·70	19·1
Southwark and Vauxhall - -	14th October, Cab Rank, St. George's Church, Borough.	10·5	24·78	·149	·018	·001	·170	·189	1390	1·70	19·1
Grand Junction -	14th October, Cab Rank, Woodstock-street.	8·9	25·06	·144	·020	·000	·181	·201	1490	1·70	19·4
Lambeth - -	14th October, Cab Rank, Westminster Bridge-road.	10·3	24·90	·153	·025	·001	·184	·210	1530	1·75	18·9
Other Sources.											
New River - -	14th October, Cab Rank, Tottenham-court-road.	10·8	26·30	·059	·008	·000	·187	·195	1550	1·60	20·6
East London -	15th October, Royal Hotel, Mile-end-road.	9·0	25·44	·145	·027	·001	·105	·133	740	2·00	19·4
Kent - - -	15th October, Deptfd. Bdge. Police Stat.	11·5	39·14	·052	·004	·000	·394	·398	3620	2·30	27·5
Birmingham* -	October, Birmingham Waterworks	—	23·64	·171	·041	·004	·099	·103	709	1·72	15·6
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water collected on the 14th October at the Horse Guards' cab-rank had a temperature of 10°·0 C.; 100,000 lbs. of it contained 24·86 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·163 lb. of carbon and ·019 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia and ·199 lb. of nitrogen in the form of nitrates and nitrites, whilst the tota. amount of *combined* nitrogen in every form was ·219 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1680 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 1·75 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 19·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-THIRD Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total **Births**	1890	1951	2031	2227	2148	2198	2034	2179	2229	2202	2108·9	2205
Males . .	990	1003	1044	1137	1099	1135	1012	1077	1155	1099	1075·1	1161
Females .	900	948	987	1090	1049	1063	1022	1102	1074	1103	1033·8	1044
Total **Deaths**	1224	1246	1409	1377	1394	1239	1421	1536	1266	1364	1347·6	1381
Males . .	609	611	699	721	697	610	719	803	656	686	681·1	714
Females .	615	635	710	656	697	629	702	733	610	678	666·5	667

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.
Total **Deaths** - - -	1695	1598	1445	1274	1236	1236	1203	1106	1279	1276	1218	1369	1381
Deaths under 5 years of age -	997	940	725	622	569	573	531	484	557	541	512	579	548
Deaths 5—20 - - -	86	72	81	80	85	82	82	82	85	84	81	98	70
Deaths 20—40 - - -	185	168	175	151	197	175	160	151	190	197	199	205	213
Deaths 40—60 - - -	215	197	212	195	187	187	198	177	202	202	194	232	251
Deaths 60—80 - - -	172	186	209	180	163	180	197	174	213	212	181	203	240
Deaths at 80 years & upwards	40	35	43	46	35	39	35	38	32	40	51	51	59
Deaths from Smallpox - -	28	15	16	15	8	6	12	5	9	10	7	17	6
,, ,, Measles - -	20	18	26	12	15	17	9	10	12	9	7	15	4
,, ,, Scarlet Fever -	6	12	15	12	13	10	22	12	17	20	21	17	22
,, ,, Diphtheria -	5	6	4	3	3	5	2	5	5	5	5	12	9
,, ,, Whooping-cough	49	37	36	35	34	32	26	31	38	31	34	37	31
,, ,, Typhus fever -	4	3	5	2	2	5	3	3	4	6	4	3	3
,, ,, Enteric (or Typhoid) fever -	17	12	16	16	20	8	18	21	17	19	16	19	19
,, ,, Simple Cont^{a} fever	7	7	6	7	8	3	8	6	5	4	11	4	6
,, ,, Diarrhœa - -	484	441	270	197	156	134	119	95	92	50	45	36	32
,, ,, Simple Cholera -	33	24	11	12	13	7	2	7	2	—	—	3	—
,, ,, Phthisis - -	150	153	156	133	173	145	133	126	173	152	150	163	167
,, ,, Bronchitis - -	56	51	68	63	72	85	89	94	106	134	143	190	204
,, ,, Pneumonia -	37	44	41	44	35	53	43	56	76	81	78	80	104
,, ,, Heart Disease -	72	61	63	70	44	51	58	55	57	67	75	66	66
Mean Temperature of the Air	61°·7	59°·2	60°·6	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0	52°·4	47°·3	44°·4	47°·4
Mean Temperature of the Water of the Thames -	70·6	66·4	63·9	65·1	65·0	64·0	64·6	63·4	56·0	54·5	53·2	49·7	49·0
Humidity of the Air - -	82	86	72	72	77	75	82	78	81	86	85	92	92
Rain-fall in inches - -	1·01	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; J. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 26th day of October 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 26th Oct. 1872.	DEATHS registered during the Week ending 26th Oct. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5143	3385	59·1	28·0	45·7	7·61	1·61	4
LONDON	78,080	3,311,298	42·4	2205	1381	59·1	32·6	47·4	8·55	2·03	5
PORTSMOUTH	9,513	115,455	12·1	51	43	57·4	33·4	46·0	7·78	0·91	2
NORWICH	7,472	81,105	10·9	51	45	57·0	33·0	46·8	8·22	0·69	1
BRISTOL	4,688	186,428	39·8	106	74	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	41	40	53·3	32·9	44·5	6·95	2·38	6
BIRMINGHAM	7,831	350,164	44·7	267	175	54·0	35·1	45·2	7·33	1·97	5
LEICESTER	3,200	99,143	31·0	94	48	54·2	32·2	45·1	7·28	1·81	4
NOTTINGHAM	1,996	88,225	44·2	53	45	54·3	33·0	45·7	7·61	1·64	4
LIVERPOOL	5,108	499,897	97·9	394	240	54·9	39·5	46·4	8·00	1·69	4
MANCHESTER	4,486	352,759	78·6	260	191	55·5	28·0	44·1	6·73	1·73	4
SALFORD	5,172	127,923	24·7	96	66	55·7	34·1	44·9	7·17	1·70	4
OLDHAM	4,167	84,004	20·2	65	57	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	107	50	54·8	40·6	46·4	8·00	1·79	4
LEEDS	21,572	266,564	12·4	238	157	56·0	38·0	45·9	7·72	1·63	4
SHEFFIELD	22,830	247,847	10·9	208	106	53·0	34·0	44·2	6·78	2·07	5
HULL	3,562	124,976	35·1	120	61	54·0	37·0	46·4	8·00	0·95	2
SUNDERLAND	3,306	100,665	30·4	56	41	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	86	62	53·0	41·0	45·4	7·44	2·29	5
EDINBURGH	4,427	205,146	46·3	120	82	54·0	40·7	46·5	8·05	1·90	4
GLASGOW	5,063	489,136	94·8	363	254	53·8	41·0	46·7	8·16	0·80	2
DUBLIN	9,745	310,565	31·9	162	167	56·0	31·0	45·5	7·50	1·05	2

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 26th day of October 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2882	746	575	33	31	117	15	59	103	107	107	191
LONDON	22	1381	351	299	6	4	22	9	31	28	32	65	113
PORTSMOUTH	19	43	12	10	7	–	–	–	–	3	1	1	1
NORWICH	29	45	9	15	–	6	–	–	3	2	1	–	1
BRISTOL	21	74	18	15	1	–	1	–	3	1	5	2	4
WOLVERHAMPTON	30	40	12	7	–	–	–	1	–	1	4	4	4
BIRMINGHAM	26	175	50	22	4	2	23	2	2	3	12	9	12
LEICESTER	25	48	14	9	4	1	–	1	1	3	3	–	3
NOTTINGHAM	27	45	8	12	–	–	–	–	1	2	1	1	1
LIVERPOOL	25	240	67	59	–	8	4	2	1	9	10	12	17
MANCHESTER	28	191	52	27	2	6	15	–	3	11	12	4	21
SALFORD	27	66	16	12	1	–	1	–	–	1	2	1	3
OLDHAM	35	57	7	4	–	–	30	–	1	2	1	1	1
BRADFORD	17	50	9	4	1	4	3	–	–	2	2	–	–
LEEDS	31	157	48	26	5	–	6	–	5	8	12	3	3
SHEFFIELD	22	106	28	27	1	–	1	–	4	14	5	3	3
HULL	25	61	14	9	–	–	2	–	–	11	1	1	4
SUNDERLAND	21	41	15	7	–	–	1	–	4	1	–	–	–
NEWCASTLE-ON-TYNE	25	62	16	11	1	–	8	–	–	1	3	–	–
DUBLIN	27	167	20	46	1	1	2	2	2	8	3	4	6

Table 5.—Deaths Registered in London in the Forty-third Week of the Year 1872.

CAUSES OF DEATH.	Average in the Forty-third Weeks of the 10 years 1862–71.	In the Week ending Saturday, October 26, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
{Mean Temperature –	♂ 47·7	♀ 47·4						
ALL CAUSES – –	1347·6	1381	548	70	213	251	240	59
SPECIFIED CAUSES	1340·3	1376	547	69	212	250	239	59
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	16·2	6	4	1	1	–	–	–
Measles – – –	30·3	4	4	–	–	–	–	–
Scarlet Fever (Scarlatina)	100·9	22	16	6	–	–	–	–
Diphtheria – – –	8·9	9	3	4	–	2	–	–
Quinsy – – – –	1·4	1	–	–	1	–	–	–
Croup – – – –	11·8	16	13	3	–	–	–	–
Whooping-cough – –	30·3	31	31	–	–	–	–	–
Typhus – – –	51·5	3	–	–	3	–	–	–
Enteric or Typhoid Fever		19	1	3	9	4	2	–
Simple continued Fever		6	2	1	2	1	–	–
Erysipelas – – –	7·7	10	4	–	2	2	2	–
Puerperal Fever (Metria)	3·3	7	–	2	4	1	–	–
Carbuncle – – –	·7	1	–	–	–	–	1	–
Influenza – – –	·8	–	–	–	–	–	–	–
Dysentery – – –	2·7	3	1	–	2	–	–	–
Diarrhœa – – –	31·8	32	21	1	2	3	5	–
Simple Cholera – –	12·5	–	–	–	–	–	–	–
Ague – – – –	·2	–	–	–	–	–	–	–
Remittent Fever – –	·6	–	–	–	–	–	–	–
Rheumatism – –	8·8	9	–	2	6	1	–	–
Other *Zymotic* Diseases –	·4	1	1	–	–	–	–	–
Order 2.								
Syphilis – – – –	6·0	13	11	–	1	–	1	–
Stricture of Urethra –	·8	1	–	–	–	1	–	–
Hydrophobia – – –	—	–	–	–	–	–	–	–
Glanders – – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – – –	·2	–	–	–	–	–	–	–
Want of Breast-milk –	8·1	8	8	–	–	–	–	–
Purpura and Scurvy –	2·0	1	–	–	–	1	–	–
Alco- { *a* Del. Tremens –	2·3	1	–	–	–	1	–	–
holism { *b* Intemperance –	1·1	2	–	–	–	2	–	–
Order 4.								
Thrush – – –	2·9	3	3	–	–	–	–	–
Worms, &c. – – –	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	1·9	2	–	–	–	1	1	–
Dropsy – – – –	13·5	8	1	–	–	5	2	–
Cancer – – – –	29·1	34	–	–	3	15	16	–
Cancrum Oris (Noma) –	·6	1	1	–	–	–	–	–
Mortification – – –	3·3	–	–	–	–	–	–	–
Order 2.								
Scrofula – – – –	10·0	7	4	2	–	1	–	–
Tabes Mesenterica – –	19·0	25	24	1	–	–	–	–
Phthisis – – – –	162·0	167	12	13	84	49	8	1
Hydrocephalus – –	21·0	16	13	2	1	–	–	–
II. LOCAL DISEASES.								
Order 1.								
Cephalitis – – –	11·2	16	11	2	2	1	–	–
Apoplexy – – – –	37·4	34	2	–	1	11	13	7
Paralysis – – – –	26·2	36	–	1	4	9	20	2
Insanity – – – –	1·4	1	–	–	–	–	1	–
Chorea – – – –	·2	–	–	–	–	–	–	–
Epilepsy – – – –	5·5	8	1	1	5	–	1	–
Convulsions – – –	43·1	41	41	–	–	–	–	–
Brain Disease, &c. – –	15·5	24	4	–	3	9	8	–
Order 2.								
Pericarditis – – –	2·7	1	–	–	1	–	–	–
Aneurism – – – –	3·5	4	–	–	2	2	–	–
Heart Disease, &c. – –	58·5	66	1	2	15	21	23	4
Order 3.								
Laryngitis – – –	6·7	5	5	–	–	–	–	–
Bronchitis – – –	128·7	204	109	1	7	29	49	9
Pleurisy – – – –	2·4	5	1	1	1	1	1	–
Pneumonia – – –	88·6	104	64	2	9	19	10	–
Asthma – – – –	7·5	8	–	–	1	2	5	–
Lung Disease, &c. – –	11·6	20	11	–	6	3	–	–
Order 4.								
Gastritis – – – –	1·2	2	–	–	1	–	1	–
Enteritis – – – –	6·7	4	1	–	–	1	2	–
Peritonitis – – –	4·9	4	–	1	1	1	1	–
Ascites – – – –	2·0	1	–	–	–	–	1	–
Ulceration of Intestines –	2·3	–	–	–	–	–	–	–
Hernia – – – –	2·3	1	–	–	–	1	–	–
Ileus – – – –	3·3	4	1	–	–	–	2	1
Intussusception – –	·9	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Forty-third Weeks of the 10 years 1862–71.	In the Week ending Saturday, October 26, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	♀ 47·7	♀ 47·4						
9. Stricture of Intestines –	1·0	2	–	–	–	1	1	–
10. Fistula – – – –	·4	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·5	13	2	–	–	5	5	1
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – – –	2·6	5	–	–	1	2	2	–
14. Jaundice – – – –	3·5	–	–	–	–	–	–	–
15. *Liver Disease, &c.* – –	17·5	20	2	–	5	7	4	2
16. *Spleen Disease, &c.* – –	·3	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	1·6	–	–	–	–	–	–	–
2. Ischuria – – – –	—	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	10·3	15	–	1	5	6	3	–
4. Diabetes – – – –	1·6	6	–	–	–	5	1	–
5. Calculus (Stone) – –	·6	1	–	–	–	–	1	–
6. Cystitis – – – –	1·0	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	7·6	5	–	–	–	2	2	1
Order 6.								
1. Ovarian Dropsy – –	·5	1	–	–	–	1	–	–
2. *Uterus Disease, &c.* – –	4·0	5	–	–	1	3	1	–
Order 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	5·5	6	1	2	–	2	1	–
Order 8.								
1. Phlegmon – – – –	2·2	4	–	1	3	–	–	–
2. Ulcer – – – – –	1·5	2	–	–	–	–	2	–
3. *Skin Disease, &c.* – –	1·4	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	22·1	22	22	–	–	–	–	–
2. Cyanosis – – – –	2·6	3	3	–	–	–	–	–
3. Spina Bifida – – –	·7	2	2	–	–	–	–	–
4. Other Malformations –	1·3	1	1	–	–	–	–	–
5. Teething – – – –	10·1	8	8	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·5	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·4	7	–	–	5	2	–	–
Order 3.								
1. Old Age – – – –	41·1	57	–	–	–	–	27	30
Order 4.								
1. Atrophy and Debility –	66·8	64	55	2	–	1	6	–
V. VIOLENT DEATHS, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	14·0	26	6	3	6	5	6	–
2. Wounds { Gunshot –	·8	–	–	–	–	–	–	–
{ Cut, Stab –		–	–	–	–	–	–	–
3. Burns and Scalds – –	4·5	11	5	3	1	–	1	1
4. Poison – – – –	·8	–	–	–	–	–	–	–
5. Drowning – – –	5·1	5	–	4	1	–	–	–
6. Suffocation – – –	5·8	11	9	–	1	1	–	–
7. Otherwise – – –	2·7	1	1	–	–	–	–	–
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·2	1	–	–	1	–	–	–
Order 4.								
(Suicide.)								
1. Wounds { Gunshot –	·3	–	–	–	–	–	–	–
{ Cut, Stab –	·7	1	–	–	–	1	–	–
2. Poison – – – –	·7	3	–	–	1	2	–	–
3 Drowning – – –	·7	2	–	–	1	1	–	–
4. Hanging – – –	1·2	1	–	–	–	1	–	–
5. Otherwise – –	·8	–	–	–	–	–	–	–
Order 5.								
(Execution.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	3	–	1	–	2	–	–
Sudden Deaths (Cause unascertained) – – –	1·4	1	–	–	–	1	–	–
Causes not specified or ill-defined – – – –	5·9	4	1	1	1	–	1	–

Note.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2205	1381	351	299	6	4	22	9	31	3	19	6	32	65	113
WEST DISTRICTS	561,189	312	240	53	66	–	1	4	1	5	1	3	2	5	2	10
NORTH DISTRICTS	751,668	430	270	76	64	–	–	7	–	3	–	3	1	10	7	15
CENTRAL DISTRICTS	333,887	216	130	22	19	–	–	1	2	5	–	1	2	3	5	9
EAST DISTRICTS	638,928	515	332	91	65	2	1	5	1	8	1	7	1	5	27	48
SOUTH DISTRICTS	966,132	682	409	109	85	4	2	5	5	5	1	5	–	9	24	31
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	40	28	7	11	–	–	–	–	–	1	–	–	1	–	1
St. John Paddington H	38082	9	10	–	4	–	–	–	–	–	–	–	–	–	1	1
Kensington Town *WL*	91583	66	38	13	9	–	–	–	–	1	–	1	–	–	–	2
Brompton H	28651	15	9	3	3	–	–	–	–	1	–	–	–	–	–	1
St. Peter Hammersmith	6662	4	3	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	25	16	5	4	–	–	–	1	–	–	–	1	1	–	–
Fulham *WLLLL*	23378	19	14	2	5	–	–	1	–	–	–	–	–	1	–	–
Chelsea South HH	26419	15	13	2	4	–	–	–	–	–	–	–	–	–	–	1
Chelsea North-west H*Ww*	23278	20	18	4	6	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	10	3	1	1	–	–	–	–	–	–	–	–	1	–	–
Hanover Square	18700	6	6	3	1	–	1	–	–	1	–	–	–	–	–	–
May Fair *W*	13020	1	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	20	22	5	4	–	–	1	–	–	–	–	–	–	–	–
St. John Westminster HHH	38470	28	17	–	3	–	–	1	–	–	–	1	1	1	–	1
St. Margaret Westminster *WWHH*	27640	18	15	2	5	–	–	–	–	–	–	–	–	–	1	3
St. James's Square	10453	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12355	7	7	–	2	–	–	–	–	1	–	–	–	–	–	–
Berwick-street	10279	4	5	1	1	–	–	–	–	1	–	–	–	–	–	–
St. Anne Soho HH	17555	3	9	3	1	–	–	1	–	–	–	1	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	15	7	4	2	–	–	–	–	–	–	–	–	–	–	–
Cavendish Square	15419	9	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	16	18	1	7	–	–	–	–	1	–	–	–	2	–	–
St. Mary Marylebone H	21795	24	7	2	2	–	–	–	–	–	–	–	–	–	–	1
Christchurch Marylebone	33892	17	8	2	1	–	–	–	–	–	–	–	–	–	–	2
St. John Marylebone	33110	17	21	7	9	–	–	–	–	–	–	–	–	–	–	1
Hampstead *WHHH*	32271	16	5	1	1	–	–	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	36	8	3	1	–	–	–	–	–	–	–	–	1	1	–
Tottenham-court *w*H	29360	14	13	2	3	–	–	–	–	–	–	–	–	–	–	–
Gray's Inn Lane H	29216	17	13	3	2	–	–	–	–	2	–	–	–	1	1	–
Somers Town	38562	30	17	6	2	–	–	–	–	1	–	–	1	2	–	–
Camden Town *W*	18066	12	8	2	4	–	–	–	–	1	–	–	–	1	–	2
Kentish Town *W*	68198	48	19	3	4	–	–	+	–	–	–	–	–	–	1	–
Islington West HHH	97801	61	39	19	7	–	–	–	–	1	–	2	–	2	1	3
Islington East *Www*H	115948	69	38	6	10	–	–	2	–	2	–	1	–	1	–	–
Stoke Newington L	9810	5	4	1	2	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	21	9	5	1	–	–	1	–	–	–	–	–	–	–	–
Hackney *Ww*HHL	50087	32	23	5	4	–	–	3	–	–	–	–	–	1	3	4
South Hackney L	30305	19	11	4	1	–	–	1	–	–	–	–	–	1	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	11	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	18	5	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	10	5	1	2	–	–	–	–	–	–	–	–	–	–	1
Long Acre	11826	4	5	–	3	–	–	–	–	–	–	–	–	–	1	1
Charing Cross H	9831	–	5	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	7	6	1	1	–	–	–	–	–	–	–	–	1	1	1
St. Clement Danes H	10711	5	8	3	1	–	–	–	–	–	–	1	–	1	–	–
St. George-the-Martyr HHH	20521	11	9	3	2	–	–	–	–	–	–	–	–	–	1	2
St. Andrew Eastern *W*	13528	7	11	2	3	–	–	–	–	–	–	–	1	–	–	–
Saffron Hill	9051	4	4	1	–	–	–	–	–	–	–	–	1	–	–	–
St. James Clerkenwell *W*	18912	13	4	–	–	–	–	1	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	15	5	2	–	–	–	–	–	–	–	–	–	–	1	1
Pentonville	13293	13	5	–	–	–	–	–	–	1	–	–	–	–	–	–
Goswell-street	16220	12	5	1	–	–	–	–	2	–	–	–	–	–	–	–
Old-street H	12156	9	3	1	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	24	11	3	1	–	–	–	–	1	–	–	–	–	–	1
Whitecross-street	13790	6	4	1	1	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10782	5	5	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph HH	14484	9	5	1	2	–	–	–	–	–	–	–	–	–	1	–
Cripplegate	13639	8	4	1	–	–	–	–	–	–	–	–	–	1	–	–
St. Sepulchre H	7562	5	10	–	2	–	–	–	–	–	–	–	–	–	1	1
St. Bride *W*	11184	9	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	2	1	–	–	–	–	–	–	1	–	–	–	–	–	–
Queenhithe	4744	3	1	–	–	–	–	–	–	1	–	–	–	–	–	–
Allhallows Barking	5694	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	4	2	–	–	–	–	–	–	1	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—
W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT turday, 26th October 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
olywell Shoreditch	12429	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Leonard Shoreditch HL†	16545	22	10	4	–	–	–	–	–	–	–	1	–	–	1	1	2
xton New Town *w*	27832	24	19	6	8	–	–	–	–	–	–	–	–	–	–	–	5
xton Old Town	26944	19	8	2	3	–	–	–	–	–	–	1	–	–	–	–	–
ggerstone West *W*	24153	25	15	5	4	–	–	–	–	–	–	–	–	–	–	–	–
ggerstone East	19257	13	5	2	1	–	–	–	–	–	–	–	–	1	–	2	3
ckney-road	29808	17	19	8	1	–	–	–	–	–	–	–	–	1	2	5	–
een, Bethnal Green *WHL*†	42443	40	36	9	7	1	–	–	–	–	–	–	1	–	6	14	12
urch, Bethnal Green	26574	19	12	3	1	–	–	–	–	–	–	1	–	–	–	1	–
wn, Bethnal Green	21375	16	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–
tillery Whitechapel	6651	9	4	2	–	–	–	–	–	–	–	–	–	–	1	1	–
italfields	15844	15	5	1	–	–	–	–	–	–	–	–	–	–	1	1	–
le End New Town *W*	15550	22	7	2	–	–	–	–	–	2	–	–	–	–	–	1	–
hitechapel North	11434	5	5	3	1	–	–	–	–	–	–	–	–	–	–	–	–
hitechapel Church H	7323	3	20	2	3	–	–	–	–	–	–	–	–	–	2	2	14
odman's Fields	10381	6	3	–	–	–	–	–	1	–	–	–	–	1	–	–	–
dgate	9149	7	6	3	–	–	–	1	–	–	–	–	–	–	–	–	–
Mary St. George East	17906	11	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Paul St. George East	21356	12	9	1	2	1	–	–	–	–	–	1	–	–	1	1	–
John St. George East *W*	8973	7	15	3	2	–	–	–	–	–	–	1	–	–	1	2	5
adwell	11623	6	6	–	1	–	–	–	–	–	–	–	–	–	2	3	–
telliff H	15930	13	2	–	–	–	–	–	–	–	–	–	–	–	1	3	–
mehouse *W*	30025	29	15	6	2	–	1	–	–	2	–	–	–	2	–	3	–
le End Old Town West	38126	31	16	5	3	–	–	–	–	–	1	–	–	–	2	2	–
le End Old Town East *We*H	55020	45	28	6	8	–	–	–	–	1	–	–	–	–	3	4	3
w *Wwe*HL†	67777	44	37	9	12	–	–	–	–	1	–	2	–	–	2	2	9
plar *WW*	48500	51	20	5	4	–	–	4	–	2	–	–	–	–	3	3	–
SOUTH DISTRICTS.																	
ristchurch Southwark *W*	14547	10	8	–	4	–	–	–	–	–	–	–	–	1	1	1	2
Saviour Southwark H	15667	14	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nt-road	20430	21	11	7	3	–	–	–	–	1	–	–	–	1	–	–	–
rough-road *WH*	16694	13	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ndon-road L	18959	13	9	4	–	–	–	–	–	1	–	–	–	–	1	1	–
inity Newington	23673	24	7	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Peter Walworth *W*	48232	37	24	6	6	–	–	–	–	–	–	–	–	–	–	–	9
Mary Newington	16786	12	10	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Olave Southwark H	4157	–	12	–	–	–	–	–	1	–	–	1	–	–	1	1	12
John Horsleydown *W*	10595	5	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ather Market	16785	13	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	16	8	1	4	–	–	–	–	–	1	–	–	–	–	–	4
James Bermondsey	47921	42	13	5	3	–	–	–	–	–	–	1	–	–	–	–	–
therhithe *W*	25873	21	8	2	1	–	–	–	–	–	–	–	–	–	–	–	2
aterloo-road 1st H	14086	10	7	1	1	–	–	–	–	–	–	–	–	–	1	2	–
aterloo-road 2nd H	18453	18	7	2	2	–	–	–	–	–	–	–	–	1	–	–	–
mbeth Church 1st H	19470	15	19	3	5	–	–	1	–	–	–	–	–	–	2	1	3
mbeth Church 2nd *W*	35831	32	11	4	–	–	–	–	–	–	–	–	–	–	1	1	3
nnington 1st *W*	41284	23	22	5	7	2	–	–	–	–	–	1	–	–	–	2	–
nnington 2nd	31213	18	8	2	2	–	–	–	–	–	–	–	–	–	–	–	–
ixton HL	35431	23	16	3	3	1	–	1	1	–	–	–	–	1	–	1	1
rwood *W*	12534	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
pham HL	27348	18	12	4	2	–	2	–	1	–	–	–	–	–	–	–	–
ttersea *W*	53988	31	20	7	3	–	–	–	2	–	–	–	–	1	1	–	3
ndsworth HL	19797	12	12	3	2	–	–	1	–	–	–	–	–	–	2	3	1
tney	9438	5	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
eatham	14479	7	7	1	3	–	–	–	–	–	–	–	–	–	–	–	–
lwich	4041	4	3	1	2	–	–	–	–	–	–	–	–	–	–	–	–
mberwell *WL*†L†	31251	27	17	1	7	–	–	–	–	–	–	–	–	–	–	–	8
ckham *W*	42159	23	14	4	2	–	–	–	–	–	–	–	–	–	2	3	–
George Camberwell	33851	23	7	2	1	–	–	–	–	–	–	1	–	–	–	–	–
Paul Deptford	53696	33	19	5	5	–	–	–	–	–	–	–	–	1	3	5	–
Nicholas Deptford	6487	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eenwich West	21098	13	13	3	2	–	–	–	–	–	–	–	–	–	1	1	–
eenwich East *WH*	19320	18	15	8	2	–	–	–	–	–	–	–	–	1	2	2	6
sham	4528	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
e	16430	6	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–
wisham Village *W*	11508	6	7	4	2	–	–	–	–	–	–	1	–	–	1	2	–
denham	19016	12	7	1	–	–	–	1	1	1	–	–	–	–	1	–	–
rlton H	9503	4	5	1	–	1	–	–	–	–	–	–	–	–	–	1	1
olwich Dockyard	17229	7	4	–	–	–	–	–	–	–	–	–	–	–	1	1	1
olwich Arsenal H	18319	16	10	2	1	–	–	1	–	1	–	–	–	2	–	1	1
mstead, West	13028	8	4	2	1	–	–	–	–	–	–	–	–	–	2	1	–
mstead, East *W*	15290	19	6	2	1	–	–	–	–	–	–	–	–	–	1	1	1

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 26th OCTOBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. Month and Day.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	20	..	29·476	54·8	49·8	5·0	51·4	51·1	58·0	49·0	49·6	46·5	0·3	1·2	0·0	+ 2·3	99	NE.	ENE. & SE.	0·3	0·0	0·0	159	0·07	..
MONDAY . .	21	..	29·292	59·1	47·3	11·8	50·6	49·4	87·0	44·8	50·6	48·0	1·2	4·0	0·0	+ 1·7	96	SSW.	SSW. & S.	0·2	0·0	0·0	136	0·28	..
TUESDAY .	22	Greatest Dec. N.	29·362	49·8	39·9	9·9	44·5	43·4	57·3	32·0	50·9	48·2	1·1	5·5	0·0	— 4·2	96	Calm & NNW.	WNW. & Calm.	0·8	0·0	0·0	107	0·23	..
WEDNESDAY	23	..	29·578	53·5	32·6	20·9	41·1	37·2	92·3	27·8	50·6	48·0	3·9	11·8	0·0	— 7·4	86	SW.	WSW. & SSW.	0·2	0·0	0·0	176	0·00	..
THURSDAY .	24	Last Qr. Apogee.	29·133	52·5	37·8	14·7	46·7	43·1	59·0	30·0	50·1	47·0	3·6	7·6	1·7	— 1·5	87	S.	S. & SSE.	4·4	0·0	0·6	347	0·27	..
FRIDAY . .	25	..	29·125	55·6	42·9	12·7	48·4	43·6	95·0	36·2	49·9	48·0	4·8	8·6	1·1	+ 0·5	84	SSW, SSE, & S.	S.	1·7	0·0	0·2	249	0·28	..
SATURDAY .	26	..	29·145	54·3	46·2	8·1	49·0	47·4	68·3	39·6	49·9	48·2	1·6	4·6	0·0	+ 1·4	94	SSE. & SSW.	SSW. & SW.	4·8	0·0	0·1	229	0·91	..
MEANS . .		..	29·302	54·2	42·4	11·9	47·4	45·0	73·8	37·1	50·2	47·7	2·4	6·2	0·4	— 1·0	92	SSW.		..	..	..	Sum 1403	Sum 2·04	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
OCTOBER.			
SUNDAY .	20	No electricity shown.	Overcast and foggy, with thin rain falling throughout.
MONDAY .	21		Generally overcast. Frequent rain.
TUESDAY .	22	Negative electricity of moderate strength in morning, positive at night.	Overcast till 6h. P.M. Very dull and gloomy at times; occasional rain. Cloudless though foggy at periods after 8h. P.M.
WEDNESDAY	23	Positive, decreasing in amount as the day advanced.	Cloudless and very fine throughout. Dense fog in early morning.
THURSDAY .	24	No electricity shown.	Overcast. Rain fell more or less heavily after 1h. P.M.
FRIDAY .	25	Strong positive and negative with sparks and galvanic currents in the afternoon.	Rain fell in early morning and frequently during the day. The amount of cloud variable.
SATURDAY .	26	Strong positive and negative with sparks and galvanic currents in the	Cloudy generally. Frequent heavy rain.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·47 in. at the beginning of the week to 29·51 in. by 10h. A.M. on the 20th; decreased to 29·26 in. by 9h. P.M. on the 21st; increased to 29·60 in. by 9h. A.M. on the 23d; decreased to 29·04 in. by 9h. P.M. on the 24th; and

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
4th November 1872.

United Kingdom.

During the week ending Saturday last, 5363 *births* and 3163 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 26 per 1000 persons living in Edinburgh, 27 in Glasgow, and 14 in Dublin.

Eighteen large English Towns.

The annual rates of mortality last week in the Eighteen English Cities and Towns were as follow:—London 21 per 1000; Portsmouth 20, Norwich 19, Bristol 17, Wolverhampton 25, Birmingham 23, Leicester 22, Nottingham 22, Liverpool 26, Manchester 22, Salford 29, Oldham 29, Bradford 24, Leeds 29, Sheffield 24, Hull 22, Sunderland 26, and Newcastle-upon-Tyne 26. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 112 and 117, declined last week to 106; the deaths from this disease were equal to an annual rate of 14 per 1000 in Oldham, 3 in Salford, and 2 each in Birmingham, Wolverhampton, and Leeds. In Oldham no less than 310 deaths have been referred to scarlet fever since the 3rd of August last. Small-pox is still fatally prevalent in Portsmouth, and threatens to become epidemic in Bradford. The deaths from fever, principally enteric, were again excessive in Hull, Sheffield, and Leeds.

London.

In London 2291 births and 1306 deaths were registered last week. After making due allowance for increase of population, the births were 34, and the deaths so many as 230, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been equal to 22 per 1000, declined last week to 21. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 21 in the North, 19 in the Central, 21 in the East, and 21 in the South groups of Districts.

The 1306 deaths included 14 from small-pox, 12 from measles, 21 from scarlet fever, 2 from diphtheria, 28 from whooping-cough, 24 from different forms of fever (of which 4 were certified as typhus, 14 as enteric or typhoid, and 6 as simple continued fever), and 18 from diarrhœa; thus to the seven principal diseases of the zymotic class 119 deaths were referred, against 160 and 132 in the two preceding weeks. These 119 deaths were no less than 198 below the corrected average number from the same seven diseases in the corresponding week of the last ten years. Four fatal cases of scarlet fever were returned in Hackney, and 3 in Sydenham. Ten of the 28 deaths from whooping-cough occurred in the South group of Districts. To enteric fever 3 deaths were referred in Hackney (of which 2 occurred in the Fever Hospital) and 2 each in the sub-districts of St. Mary Paddington and May Fair.

Small-pox caused 14 deaths, against 17 and 6 in the two preceding weeks, and included 2 each in Bow and Kennington First sub-districts; 6 were returned as unvaccinated, 5 as vaccinated, and 3 as "not stated."

The mean temperature of the air at the Royal Observatory, Greenwich, was 49°·7 and 3°·0 above the average for the corresponding week in 50 years; an excess prevailed on each day of the week. The rain-fall for the month of October was 4·3 inches, and an inch and a half in excess of the average fall for the month; rain fell on 22 of the 31 days.

The deaths referred to all diseases of the respiratory organs and phthisis, which in the seven previous weeks had steadily increased from 288 to 513, declined last week, probably under the influence of the milder temperature, to 467, which was slightly below the corrected average weekly number.

Of persons aged 80 years and upwards, only 32 deaths were returned, while in the two previous weeks they had been 51 and 59 respectively.

The deaths returned as directly resulting from syphilis were 15, against a corrected weekly average of 10; 13 were congenital cases in infants.

To different forms of violence 67 deaths were referred, or 22 more than the corrected average weekly number; 63 were the result of negligence or accident, including 22 from fractures and contusions, 9 from burns and scalds, 9 from drowning, 3 from poison, and 15 from suffocation, 12 of the latter were of infants under one year of age. Four cases of suicide were registered during the week.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 69 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 3rd instant; of these, 59 occurred in the Metropolitan and 10 in the City Police Districts.

During the week 110 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 77 and 113 in the two preceding weeks; these showed a proportion to the total deaths of 8 per cent.

In the large Public Institutions 216 deaths were recorded, or 17 per cent. of the total deaths; of these, 98 occurred in Workhouses, and 110 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending October 1st were 323, including 122 from remittent fever, and the annual death-rate was equal to 26 per 1000. In Calcutta 222 deaths were returned in the week ending 21st September. In Madras the 318 deaths in the week ending October 4th showed an annual death-rate equal to 42 per 1000; 90 were referred to fever, 20 to dysentery, and 11 to small-pox.

Foreign Cities.

In Paris 734 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In Brussels 67 deaths occurred in the week ending the 26th ultimo, and the annual death-rate was 19 per 1000. In Berlin during the week ending last Thursday, 460 deaths were recorded, showing an annual rate of 29 per 1000; 67 deaths were referred to enteric fever, against 89 and 85 in the two previous weeks. In Vienna the 350 deaths in the week ending the 26th ultimo, including 91 from small-pox, gave an annual rate of 29 per 1000. In Rome 172 deaths were registered in the week ending the 20th ultimo, and the annual death-rate was 37 per 1000; 30 deaths resulted from fever.

In the City of New York 488 deaths were registered in the week ending October 12th, and the equivalent annual rate of mortality was 27 per 1000.

Weekly returns are now received from Philadelphia, the second largest city in the United States, having a population enumerated in 1870 at 674,022 persons. The annual rate of mortality in this city during the three weeks ending 19th October last, exclusive both of still-born cases and of deaths of persons not domiciled in the city, was equal to but 17 per 1000 of this population.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·51 in.; the highest reading was 29·91 in. on Tuesday morning, and the lowest 29·14 in. on Saturday afternoon. The mean temperature of the *air* was 49°·7, or 3°·0 above the average in the corresponding week of the 50 years 1814-63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean exceeded the average on each day of the week, and ranged from 54°·2 on Wednesday, which showed an excess of 7°·6, to 47°·3 on Saturday. The highest day temperature in the shade was 58°·8 on Friday, and the lowest night temperature 40°·6 on Tuesday; the extreme range in the week was, therefore, 18°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 93°·8 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 3°·0. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 49°·1. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 16 miles per hour. *Rain* fell on each day of the week except Sunday 27th ultimo; the amount measured was ·94 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 45°·2 in Newcastle to 49°·3 in both Portsmouth and Bradford; the lowest recorded night temperature was 34°·0 in Hull, and the highest day temperature in the shade 58°·5 in Salford. Rain was measured in each of the towns; the amounts varied from ·25 of an inch in Hull to 2·20 inches in Portsmouth.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 347,398 cubic metres, and at Barking 304,488 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered last Week, and in the Forty-fourth Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total **Births**	1883	1835	2017	2055	2276	2095	2342	2293	2198	2143	2113·7	2291
Males . .	920	962	1019	1067	1135	1041	1180	1177	1145	1122	1076·8	1205
Females .	963	873	998	988	1141	1054	1162	1116	1053	1021	1036·9	1086
Total **Deaths**	1184	1252	1454	1413	1432	1196	1521	1772	1343	1400	1396·7	1306
Males . .	590	659	757	733	743	597	777	890	703	679	712·8	677
Females .	594	593	697	680	689	599	744	882	640	721	683·9	629

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—Comparative Table of Results in the Last Thirteen Weeks.

	Aug. 10.	Aug. 17.	Aug. 24	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
Total **Deaths** - - -	1598	1445	1274	1236	1236	1203	1106	1279	1276	1218	1369	1381	1306
Deaths under 5 years of age -	940	725	622	569	573	531	484	557	541	512	579	548	508
Deaths 5—20 - - -	72	81	80	85	82	82	82	85	84	81	98	70	84
Deaths 20—40 - - -	168	175	151	197	175	160	151	190	197	199	206	213	187
Deaths 40—60 - - -	197	212	195	187	187	198	177	202	202	194	232	251	240
Deaths 60—80 - - -	186	209	180	163	180	197	174	213	212	181	203	240	255
Deaths at 80 years & upwards	35	43	46	35	39	35	38	32	40	51	51	59	32
Deaths from Small-pox - -	15	16	15	8	6	12	5	9	10	7	17	6	14
„ „ Measles - -	18	26	12	15	17	9	10	12	9	7	15	4	12
„ „ Scarlet fever -	12	15	12	13	10	22	12	17	10	21	17	22	21
„ „ Diphtheria -	6	4	3	3	5	2	5	5	5	5	12	9	2
„ „ Whooping-cough	37	36	35	34	32	26	31	38	31	34	37	31	28
„ „ Typhus fever -	3	5	2	2	5	3	3	4	6	4	3	3	4
„ „ Enteric (or Typhoid) fever -	12	16	16	20	8	18	21	17	19	16	19	19	14
„ „ SimpleContdfever	7	6	7	8	3	8	6	5	4	11	4	6	6
„ „ Diarrhœa - -	441	270	197	156	134	119	95	92	50	45	36	32	18
„ „ Simple Cholera -	24	11	12	13	7	2	7	2	—	—	3	—	—
„ „ Phthisis - -	153	156	133	173	145	133	126	173	152	150	163	167	155
„ „ Bronchitis - -	51	68	63	72	85	89	94	106	134	143	190	204	182
„ „ Pneumonia -	44	41	44	35	53	43	56	76	81	78	80	104	91
„ „ Heart Disease -	61	63	70	44	51	58	55	57	67	75	66	66	77
Mean Temperature of the Air	° 59·2	° 60·6	° 64·3	° 60·1	° 64·5	° 62·7	° 54·3	° 49·0	° 52·4	° 47·3	° 44·4	° 47·4	° 49·7
Mean Temperature of the Water of the Thames -	° 66·4	° 63·9	° 65·1	° 65·0	° 64·0	° 64·6	° 63·4	° 56·0	° 54·5	° 53·2	° 49·7	° 49·0	° 49·1
Humidity of the Air - -	86	72	72	77	75	82	78	81	86	85	92	92	90
Rain-fall in inches - -	1·38	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94

Meteorological Observations. (*See* Table 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday th 2d day of November 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 2d Nov. 1872.	DEATHS registered during the Week ending 2d Nov. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5363	3163	58·8	34·0	47·4	8·55	0·88
LONDON	78,080	3,311,298	42·4	2291	1306	58·8	40·6	49·7	9·83	0·94
PORTSMOUTH	9,513	115,455	12·1	71	45	58·4	38·4	49·3	9·61	2·20
NORWICH	7,472	81,105	10·9	42	30	57·0	38·0	46·8	8·22	0·54
BRISTOL	4,688	186,428	39·8	110	59	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	51	33	55·0	38·4	47·0	8·33	0·40
BIRMINGHAM	7,881	350,164	44·7	291	156	56·2	39·2	48·2	9·00	0·61
LEICESTER	3,200	99,143	31·0	93	41	57·0	37·7	46·6	8·11	0·77
NOTTINGHAM	1,996	88,225	44·2	49	37	57·4	36·4	47·7	8·72	0·50
LIVERPOOL	5,108	499,897	97·9	396	249	57·2	42·0	48·3	9·05	0·71
MANCHESTER	4,486	352,759	78·6	277	152	57·0	40·0	47·5	8·61	0·96
SALFORD	5,172	127,923	24·7	106	71	58·5	38·2	46·8	8·22	0·89
OLDHAM	4,167	84,004	20·2	54	47	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	108	69	56·7	43·0	49·3	9·61	0·75
LEEDS	21,572	266,564	12·4	174	149	57·0	40·0	47·7	8·72	0·48
SHEFFIELD	22,830	247,847	10·9	253	114	55·5	40·5	47·4	8·55	0·57
HULL	3,562	124,976	35·1	88	52	54·0	34·0	45·8	7·66	0·25
SUNDERLAND	3,306	100,665	30·4	103	50	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	137	66	55·0	38·0	45·2	7·33	0·40
EDINBURGH	4,427	205,146	46·3	135	101	54·0	37·7	45·6	7·55	2·00
GLASGOW	5,063	489,136	94·8	409	252	53·7	39·7	46·5	8·05	2·00
DUBLIN	9,745	310,565	31·9	125	84	58·8	38·0	47·8	8·78	0·86

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 2d day of November 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	22	2726	713	570	39	35	106	6	55	100	54	114	195
LONDON	21	1306	342	287	14	12	21	2	28	24	18	67	110
PORTSMOUTH	20	45	6	6	11	–	–	1	–	3	–	–	1
NORWICH	19	30	8	12	–	1	–	–	1	1	–	–	1
BRISTOL	17	59	13	18	2	–	1	1	–	–	2	2	4
WOLVERHAMPTON	25	33	7	8	–	–	3	1	1	1	–	2	2
BIRMINGHAM	23	156	42	22	2	–	16	–	10	6	5	6	12
LEICESTER	22	41	13	9	–	–	–	–	1	3	1	1	2
NOTTINGHAM	22	37	13	15	–	–	–	–	–	1	1	1	1
LIVERPOOL	26	249	65	55	–	14	5	1	8	9	6	15	19
MANCHESTER	22	152	47	28	1	2	6	–	–	10	6	4	15
SALFORD	29	71	15	23	–	–	7	–	–	5	1	–	4
OLDHAM	29	47	12	4	–	–	23	–	–	1	–	1	2
BRADFORD	24	69	16	11	4	4	4	–	–	1	–	1	2
LEEDS	29	149	30	24	1	2	8	–	4	11	5	7	8
SHEFFIELD	24	114	32	15	2	–	5	–	1	13	3	2	5
HULL	22	52	13	14	2	–	–	–	–	7	3	1	1
SUNDERLAND	26	50	17	9	–	–	1	–	1	–	2	1	1
NEWCASTLE-ON-TYNE	26	66	22	10	–	–	6	–	–	4	1	3	5
DUBLIN	14	84	12	12	6	6	–	–	3	4	3	1	–

TABLE 5.—DEATHS Registered in LONDON in the FORTY-FOURTH Week of the Year 1872.

USES OF DEATH.	Average in the Forty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 2, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature -	46°0	49°7						
L CAUSES - - -	1396·7	1306	508	84	187	240	255	32
ECIFIED CAUSES	1387·6	1303	505	84	187	240	255	32
MOTIC DISEASES.								
ORDER 1.								
all-pox - - -	17·9	14	7	2	4	1	-	-
asles - - -	37·5	12	12	-	-	-	-	-
arlet Fever (Scarlatina)	104·4	21	15	6	-	-	-	-
phtheria - - -	8·3	2	2	-	-	-	-	-
insy - - -	1·0	-	-	-	-	-	-	-
up - - -	13·9	10	10	-	-	-	-	-
ooping-cough - -	35·8	28	27	1	-	-	-	-
phus - - -	35·8	4	-	2	-	1	1	-
teric or Typhoid Fever	57·2	14	1	6	5	2	-	-
nple continued Fever		6	2	2	-	2	-	-
ysipelas - -	8·5	10	6	-	3	1	-	-
erperal Fever (Metria)	3·7	3	-	-	3	-	-	-
buncle - - -	1·0	1	-	-	-	-	1	-
luenza - - -	·8	-	-	-	-	-	-	-
sentery - - -	2·0	1	-	-	-	1	-	-
rrhœa - - -	26·7	18	14	-	1	1	2	-
mple Cholera - -	8·0	-	-	-	-	-	-	-
ue - - - -	·1	-	-	-	-	-	-	-
rmittent Fever - -	1·0	-	-	-	-	-	-	-
eumatism - - -	10·7	11	-	3	5	3	-	-
er *Zymotic* Diseases -	·1	1	1	-	-	-	-	-
ORDER 2.								
philis - - - -	8·9	15	13	-	1	1	-	-
icture of Urethra -	·8	4	-	-	1	3	-	-
drophobia - - -	—	-	-	-	-	-	-	-
nders - - - -	—	-	-	-	-	-	-	-
ORDER 3.								
vation - - - -	·5	-	-	-	-	-	-	-
nt of Breast-milk -	10·4	6	6	-	-	-	-	-
rpura and Scurvy -	1·3	2	1	-	1	-	-	-
o- { *a* Del. Tremens -	2·3	-	-	-	-	-	-	-
m { *b* Intemperance -	1·9	1	-	-	-	1	-	-
ORDER 4.								
rush - - - -	3·4	-	-	-	-	-	-	-
rms, &c. - - -	·4	-	-	-	-	-	-	-
STITUTIONAL DIS.								
ORDER 1.								
af - - - -	1·5	3	-	-	-	1	2	-
opsy - - - -	11·7	13	-	-	2	4	7	-
ncer - - - -	25·2	39	-	-	4	21	13	1
ncrum Oris (Noma) -	·3	2	1	1	-	-	-	-
rtification - - -	3·4	4	-	-	1	-	2	1
ORDER 2.								
rofula - - - -	7·2	6	3	1	-	2	-	-
bes Mesenterica -	20·1	17	16	1	-	-	-	-
thisis - - - -	161·7	155	4	13	82	47	9	-
drocephalus - -	24·1	17	14	3	-	-	-	-
LOCAL DISEASES.								
ORDER 1.								
phalitis - - -	11·3	12	6	4	1	1	-	-
oplexy - - - -	32·8	43	4	1	4	15	15	4
alysis - - - -	26·0	31	-	-	2	4	22	3
anity - - - -	2·0	2	-	-	1	-	1	-
orea - - - -	·2	-	-	-	-	-	-	-
ilepsy - - - -	7·1	7	1	-	3	3	-	-
rvulsions - - -	47·6	54	54	-	-	-	-	-
ain Disease, &c. - -	16·9	20	2	1	4	2	10	1
ORDER 2.								
ricarditis - - -	3·5	3	1	2	-	-	-	-
eurism - - - -	2·3	5	-	-	2	3	-	-
art Disease, &c. - -	57·4	77	1	9	9	24	33	1
ORDER 3.								
ryngitis - - -	5·0	12	9	2	1	-	-	-
onchitis - - -	146·7	182	92	3	6	29	48	4
urisy - - - -	1·8	4	1	-	1	-	1	1
eumonia - - -	91·9	91	60	2	9	13	7	-
thma - - - -	7·6	9	-	-	-	2	6	1
ng Disease, &c. - -	15·2	14	10	-	-	1	1	2
ORDER 4.								
stritis - - - -	1·9	2	1	-	-	1	-	-
steritis - - - -	5·5	3	-	2	1	-	-	-
ritonitis - - -	5·4	7	1	1	3	-	2	-
eites - - - -	3·4	5	-	-	1	3	1	-
ceration of Intestines -	3·0	1	-	-	-	-	1	-
rnia - - - -	2·4	3	-	1	-	2	-	-
is - - - -	3·2	3	-	1	-	2	-	-
ussuaception - -	1·1	1	1	-	-	-	-	-

CAUSES OF DEATH.	Average in the Forty-fourth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 2, 1872. Deaths of Persons of the Ages						
		ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Tem.	Mean Tem.	0–5.	5–20.				
Mean Temperature -	46°0	49°7						
9. Stricture of Intestines -	1·0	1	-	-	-	1	-	-
10. Fistula - - -	·7	1	-	-	-	1	-	-
11. *Stomach Disease, &c.* -	5·0	14	3	-	1	5	5	-
12. *Pancreas Disease, &c.* -	—	-	-	-	-	-	-	-
13. Hepatitis - - - -	4·3	3	-	-	1	-	2	-
14. Jaundice - - -	4·2	5	1	-	1	1	1	1
15. *Liver Disease, &c.* - -	17·6	18	-	-	2	9	7	-
16. *Spleen Disease, &c.* - -	·2	-	-	-	-	-	-	-
ORDER 5.								
1. Nephritis - - - -	1·3	2	-	-	2	-	-	-
2. Ischuria - - - -	·2	1	-	-	-	-	1	-
3. Bright's Disease (Nephria)	11·0	6	-	-	2	2	2	-
4. Diabetes - - - -	1·9	6	-	1	1	3	1	-
5. Calculus (Stone) - -	·5	-	-	-	-	-	-	-
6. Cystitis - - - -	1·1	4	-	-	-	1	3	-
7. *Kidney Disease, &c.* - -	8·8	9	-	-	3	3	3	-
ORDER 6.								
1. Ovarian Dropsy - - -	·7	-	-	-	-	-	-	-
2. *Uterus Disease, &c.* - -	5·0	6	-	-	1	1	4	-
ORDER 7.								
1. Synovitis (Arthritis) -	·1	-	-	-	-	-	-	-
2. *Joint Disease, &c.* - -	4·5	3	-	2	-	-	1	-
ORDER 8.								
1. Phlegmon - - - -	2·0	3	1	-	2	-	-	-
2. Ulcer - - - -	1·3	2	2	-	-	-	-	-
3. *Skin Disease, &c.* - -	1·1	3	3	-	-	-	-	-
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth - -	19·0	17	17	-	-	-	-	-
2. Cyanosis - - - -	1·8	2	2	-	-	-	-	-
3. Spina Bifida - - -	1·3	-	-	-	-	-	-	-
4. Other Malformations -	1·6	-	-	-	-	-	-	-
5. Teething - - - -	11·2	8	8	-	-	-	-	-
ORDER 2.								
1. Paramenia - - -	·1	1	-	1	-	-	-	-
2. Childbirth (*see* Puerperal Fever) - - - -	6·5	2	-	-	1	1	-	-
ORDER 3.								
1. Old Age - - -	43·3	37	-	-	-	-	26	11
ORDER 4.								
1. Atrophy and Debility -	63·0	51	46	1	-	-	4	-
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	14·7	22	1	3	4	7	7	-
2. Wounds { Gunshot / Cut, Stab	·4	1	-	1	-	-	-	-
		1	-	-	-	-	1	-
3. Burns and Scalds - -	5·3	9	5	3	-	-	-	1
4. Poison - - - -	1·0	3	-	-	-	2	1	-
5. Drowning - - - -	4·1	9	1	2	3	3	-	-
6. Suffocation - - -	7·3	15	14	-	-	1	-	-
7. Otherwise - - -	2·2	3	2	-	1	-	-	-
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·3	-	-	-	-	-	-	-
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot / Cut, Stab	·2	-	-	-	-	-	-	-
	·7	1	-	-	-	1	-	-
2. Poison - - - -	1·2	1	-	-	-	-	1	-
3. Drowning - - - -	·7	1	-	-	1	-	-	-
4. Hanging - - - -	1·3	1	-	-	-	1	-	-
5. Otherwise - - -	·4	-	-	-	-	-	-	-
ORDER 5. (EXECUTION.)								
1. Hanging - - - -	·1	-	-	-	-	-	-	-
Violent Deaths (not classed)	·5	-	-	-	-	-	-	-
Sudden Deaths (Cause unascertained) - - -	1·6	1	1	-	-	-	-	-
Causes not specified or ill-defined - - - -	7·5	2	2	-	-	-	-	-

E.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2291	1306	342	287	14	12	21	2	28	4	14	6	18	67	110
WEST DISTRICTS	561,189	319	224	59	65	1	3	5	–	4	–	5	–	2	18	29
NORTH DISTRICTS	751,668	525	319	75	80	3	–	5	–	6	–	6	3	2	12	27
CENTRAL DISTRICTS	333,887	201	125	21	25	–	2	–	1	3	–	1	–	–	3	8
EAST DISTRICTS	638,928	515	255	76	40	4	4	4	1	5	3	–	1	7	18	25
SOUTH DISTRICTS	966,132	731	383	111	77	6	3	7	–	10	1	2	2	7	16	21
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	35	30	11	5	–	–	–	–	1	–	2	–	–	2	7
St. John Paddington H	38082	14	15	–	7	–	–	–	–	–	–	–	–	–	2	2
Kensington Town *WL*	91583	51	41	10	12	1	1	2	–	2	–	–	–	–	–	3
Brompton H	28651	11	11	4	3	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	31	9	6	1	–	–	–	–	–	–	–	–	–	1	2
Fulham *WLLLL*	23378	15	9	4	2	–	–	–	–	–	–	–	–	–	1	1
Chelsea South HH	26419	16	5	–	3	–	–	1	–	–	–	–	–	–	–	–
Chelsea North-west H*Ww*	28278	14	17	6	4	–	–	–	–	–	–	–	–	1	1	–
Chelsea North-east L	21389	17	5	2	2	–	–	1	–	–	–	–	–	–	–	–
Hanover Square	18700	3	5	–	4	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	3	5	–	1	–	–	–	–	–	–	2	–	–	–	1
Belgrave HH	58043	32	26	8	6	–	–	–	–	–	–	–	–	1	7	7
St. John Westminster HHH	38470	31	4	2	–	1	–	–	–	–	–	–	–	–	–	–
St. Margaret Westminster *WWHH*	27640	10	20	3	11	–	–	–	–	1	–	–	–	–	2	3
St. James's Square	10453	5	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	6	8	–	3	–	–	–	–	–	–	–	–	–	2	2
Berwick-street	10279	8	4	–	–	–	1	–	–	–	–	–	–	–	–	1
St. Anne Soho HH	17555	13	8	2	–	–	–	1	–	–	–	1	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	28	28	1	5	–	–	–	–	–	–	–	–	–	2	2
Cavendish Square	15419	10	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	17	16	1	8	–	–	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	17	8	3	2	–	–	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	28	12	7	–	–	–	–	–	1	–	–	–	–	–	2
St. John Marylebone	33110	14	13	3	2	–	–	–	–	–	–	1	–	–	–	1
Hampstead *WHHH*	32271	12	10	3	3	–	–	–	–	–	–	1	–	–	–	1
Regent's Park Pancras	38192	22	7	1	3	–	–	–	–	–	–	–	–	–	–	–
Tottenham-court *w*H	29360	13	13	1	5	–	–	–	–	–	–	–	–	–	3	3
Gray's Inn Lane H	29216	16	12	4	–	–	–	–	–	2	–	–	–	1	–	1
Somers Town	38562	14	13	2	1	–	–	–	–	–	–	–	–	–	1	2
Camden Town *W*	18066	6	10	4	3	–	–	–	–	–	–	–	–	–	–	–
Kentish Town *W*	68198	46	23	4	5	–	–	–	–	–	–	–	–	–	1	1
Islington West HHH	97801	93	35	11	9	–	–	1	–	–	–	–	1	–	1	3
Islington East *Www*H	115948	97	48	18	13	–	–	–	–	1	–	–	–	1	2	5
Stoke Newington L	9810	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	4	4	2	–	–	–	–	–	1	–	–	–	–	–	–
West Hackney	28076	30	15	1	5	–	–	–	–	–	–	1	–	–	1	1
Hackney *W*oHHL	50087	27	34	3	11	3	–	2	–	1	–	3	2	–	1	4
South Hackney L	30305	27	15	5	4	–	–	2	–	–	–	–	–	–	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	6	6	2	–	–	–	–	–	–	–	1	–	–	–	1
St. Giles South *WH*	19089	16	9	2	3	–	–	–	–	–	–	–	–	–	–	1
St. Giles North	16497	8	6	1	3	–	–	–	–	–	–	–	–	–	–	1
Long Acre	11326	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	–	1	–	–	–	–	–	–	–	–	–	–	–	1	1
St. Mary-le-Strand	9376	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	10	12	2	1	–	–	–	1	2	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	10	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	10	8	2	1	–	–	–	–	–	–	–	–	–	–	–
Saffron Hill	9051	3	5	–	3	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	5	4	2	–	–	–	–	–	–	–	–	–	–	1	1
Amwell Clerkenwell	16878	14	5	2	1	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	10	3	–	2	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	11	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Old-street H	12156	8	6	1	1	–	–	–	–	–	–	–	–	–	1	2
City-road *W*HHL	18291	20	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	14	9	1	1	–	–	–	–	–	–	–	–	–	–	1
Finsbury	10732	5	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	11	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	11	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	–	12	1	–	–	–	–	–	1	–	–	–	–	–	1
St. Bride *W*	11184	9	6	–	1	–	1	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	2	3	–	2	–	1	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
ırday, 2d November 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
ywell Shoreditch	12429	8	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch HL†	16545	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ton New Town *w*	27832	25	15	6	-	-	-	-	-	-	-	-	-	1	3	6	1
ton Old Town	26944	17	7	3	2	-	-	-	-	1	-	-	-	-	-	-	-
gerstone West *W*	24153	23	8	3	1	-	-	-	-	-	-	-	-	-	-	-	2
gerstone East	19257	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
kney-road	29808	30	13	2	3	-	-	1	-	1	-	-	-	1	-	-	-
en, Bethnal Green *WH*L†	42443	49	14	2	5	1	-	-	-	-	-	-	-	-	-	-	2
rch, Bethnal Green	26574	16	8	6	-	-	-	-	-	1	-	-	-	-	-	-	-
n, Bethnal Green	21375	13	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
llery Whitechapel	6651	2	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
ldfields	15844	13	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W*	15550	13	11	3	2	-	-	-	-	-	-	-	1	-	-	-	3
itechapel North	11434	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
itechapel Church H	7323	3	13	-	2	-	-	-	-	-	-	-	-	2	2	12	-
dman's Fields	10381	6	5	-	1	-	-	-	-	-	-	-	-	1	1	2	-
gate	9149	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary St. George East	17906	14	7	2	1	-	-	-	-	-	-	-	-	1	1	-	-
Paul St. George East	21356	14	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W*	8973	6	8	3	1	-	-	-	1	1	-	-	-	-	2	3	1
dwell	11623	8	9	3	-	-	-	-	-	-	-	-	-	-	2	2	-
cliff H	15930	11	6	3	-	-	2	-	-	-	-	-	-	1	-	-	3
chouse *W*	30025	21	13	5	2	-	-	1	-	-	-	-	-	-	-	1	-
End Old Town West	38126	32	17	3	4	-	-	-	1	-	-	2	-	-	-	1	-
End Old Town East *WwH*	55020	40	23	6	3	-	1	-	-	1	-	-	-	1	-	-	1
*WwwH*L†	67777	64	32	6	5	2	-	1	1	-	-	-	-	-	1	2	10
dar *WW*	48500	46	19	9	2	-	-	-	-	-	-	-	-	1	6	6	-
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	7	8	3	3	-	-	-	-	-	-	-	-	-	-	-	1
Saviour Southwark H	15667	12	9	1	1	-	-	-	-	-	-	-	1	-	1	1	-
t-road	20430	18	7	3	1	-	-	-	-	1	-	-	-	-	-	1	-
ough-road *WH*	16694	13	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-
don road L	18959	9	12	3	4	-	-	-	-	-	-	-	-	-	1	-	1
ity Newington	23673	16	10	5	1	-	-	-	-	1	-	1	-	-	-	-	-
Peter Walworth *W*	48232	19	14	2	2	-	-	-	-	1	-	-	-	1	1	-	4
Mary Newington	16786	15	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Olave Southwark H	4157	1	10	-	2	-	-	-	-	-	-	-	-	-	3	3	8
John Horsleydown *W*	10595	9	10	6	-	-	-	-	-	1	-	-	-	1	-	-	4
ther Market	16785	18	10	4	2	-	-	-	-	1	-	-	-	-	-	-	-
Mary Magdalen *W*	15707	14	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1
James Bermondsey	47921	30	21	7	5	-	-	-	-	-	-	-	-	-	-	-	-
herhithe *W*	25873	26	11	7	1	-	-	1	-	-	-	-	-	-	1	1	-
erloo-road 1st H	14086	15	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
erloo-road 2nd H	18453	11	7	4	-	-	-	1	-	-	-	-	-	-	-	-	-
nbeth Church 1st H	19470	14	18	4	3	-	-	-	-	-	-	-	-	-	3	5	7
nbeth Church 2nd *W*	35831	31	12	4	1	-	-	-	-	1	-	-	-	1	1	2	3
nington 1st *W*	41284	22	10	3	2	2	-	-	-	-	-	-	-	1	-	-	-
nington 2nd	31213	22	7	3	1	-	1	-	-	-	-	-	-	-	-	-	-
tton HL	35431	26	13	3	3	2	-	-	-	-	-	-	-	1	-	1	3
wood *W*	12534	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ham HL	27348	23	8	1	3	1	1	-	-	-	-	-	-	-	-	-	-
ersea *W*	53988	48	25	7	2	-	1	-	-	1	-	-	-	-	2	2	1
dsworth HL	10797	11	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ney	4438	6	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
atham	14479	13	12	3	3	-	-	-	-	1	-	-	-	1	-	-	-
wich	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†L†	31251	26	10	1	4	-	-	-	-	-	-	-	-	-	-	-	4
kham *W*	42159	33	15	3	7	1	-	-	-	-	-	-	-	-	-	1	-
George Camberwell	33851	18	6	-	2	-	1	-	-	-	-	-	-	-	-	-	-
Paul Deptford	55696	49	18	8	2	-	-	-	-	-	-	-	-	-	-	-	-
Nicholas Deptford	6487	5	3	-	2	-	-	-	-	1	-	-	-	-	-	-	-
enwich West	21098	15	4	1	2	-	-	-	-	-	-	-	-	-	1	1	-
enwich East *WH*	19320	18	11	3	-	-	-	-	-	-	1	1	-	-	1	1	3
ham	4528	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	16430	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
visham Village *W*	11508	9	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
enham	19016	11	10	2	1	-	-	3	-	1	-	-	-	-	-	1	-
rlton H	9503	4	4	2	1	-	-	1	-	-	-	-	-	-	-	-	1
olwich Dockyard	17229	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H	18319	17	8	1	3	-	-	-	-	-	-	-	-	-	1	1	1
mstead West	13028	6	4	1	1	-	-	-	-	-	-	-	1	-	-	-	-
mstead East *W*	15290	17	6	1	3	-	-	-	-	-	-	-	-	-	-	-	3

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " " " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2d NOVEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	27	..	29·492	58·1	45·2	12·9	49·9	45·8	93·8	37·7	49·6	48·2	4·1	9·9	0·0	+ 2·6	86	WSW.	WSW. SSW. & Calm.	1·6	0·0	0·1	234	0·00	..
MONDAY	28	..	29·605	54·6	42·7	11·9	47·7	46·6	65·7	34·9	49·6	48·4	1·1	4·8	0·0	+ 0·7	96	Calm & NNE.	N. & W.	0·8	0·0	0·1	180	0·06	..
TUESDAY	29	..	29·872	57·8	40·6	17·2	49·2	46·7	70·0	32·2	49·6	48·2	2·5	7·4	1·6	+ 2·4	91	W. & W. by S.	WSW.	3·7	0·0	0·5	376	0·01	..
WEDNESDAY	30	New	29·477	57·5	51·6	5·9	54·2	53·9	63·3	47·0	49·9	48·0	0·3	3·2	0·0	+ 7·6	99	WSW.	WSW.	9·9	0·0	1·6	535	0·39	..
THURSDAY	31	..	29·514	55·2	47·3	7·9	49·0	47·4	61·0	40·0	50·2	47·8	1·6	4·0	0·0	+ 2·5	94	W. & NW.	WSW.	2·1	0·0	0·1	267	0·25	..
NOVEMBER.																									
FRIDAY	1	..	29·404	58·8	43·7	15·1	50·9	46·1	84·0	37·0	50·4	48·0	4·8	10·1	1·0	+ 4·5	84	WSW. & SSW.	SSW. & WSW.	21·0	0·0	1·8	530	0·10	..
SATURDAY	2	Greatest Dec. S.	29·184	53·9	42·6	11·3	47·3	40·8	79·1	38·2	50·6	49·0	6·5	9·0	2·2	+ 1·0	78	WSW. & SW	WSW.	12·2	0·0	1·2	486	0·13	..
MEANS		..	29·507	56·6	44·8	11·7	49·7	46·8	73·8	38·1	50·0	48·2	3·0	6·9	0·7	+ 3·0	90	WSW.		..	..	..	Sum 2608	Sum 0·94	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
OCTOBER.			
SUNDAY	27	Strong positive at noon	Fine generally, with small amounts of cloud. A little thin rain fell in the afternoon.
MONDAY	28	Positive, with variable tension.	Overcast and foggy with thin rain till noon. The sky became cloudless at night and the weather very fine.
TUESDAY	29		Generally very fine and at times cloudless in the morning and at night. Cloudy at mid-day.
WEDNESDAY	30	No electricity shown.	Overcast throughout. Almost continuous rain. Brisk wind.
THURSDAY	31	Positive, with moderate tension at night.	Overcast. Frequent rain.
NOVEMBER.			
FRIDAY	1	Positive, with variable tension.	Cloudless and very fine till noon. Cloudy from 3h. P.M. onwards. Frequent showers.
SATURDAY	2	No electricity shown.	The weather very variable throughout. Frequent heavy showers of rain.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·27 in. at the beginning of the week to 29·91 in. by 9h. A.M. on the 29th; decreased to 29·45 in. by 9h. P.M. on the 30th; increased to 29·59 in. by 9h. P.M. on the 31st of October; decreased to 29·20 in. by 8h. P.M. on the 1st of November; increased to 29·31 in. by 4h. A.M. on the 2nd day; decreased to 29·14 in. by 3h. P.M.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
11th November 1872.

United Kingdom.

During the week ending Saturday last, 5585 *births* and 3070 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 22 per 1000 persons living in Edinburgh, 27 in Glasgow, and 24 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 20, Norwich 19, Bristol 16, Wolverhampton 19, Birmingham 25, Leicester 16, Nottingham 17, Liverpool 22, Manchester 28, Salford 26, Oldham 39, Bradford 26, Leeds 26, Sheffield 21, Hull 23, Sunderland 31, and Newcastle-upon-Tyne 27. The fatal cases of scarlet fever in these towns, which in the three previous weeks had been 112, 117, and 106, rose again to 112 last week; the deaths from this disease were equal to an annual rate of 16 per 1000 in Oldham, 3 in Birmingham, and 2 in Newcastle, Leeds, and Manchester. The deaths referred to scarlet fever within the borough of Oldham since the 3rd of August have been no less than 335. The deaths from fever, principally of the enteric type, were again excessive in Leeds and Sheffield.

London.

In London 2462 births and 1181 deaths were registered. After making due allowance for increase of population, the births exceeded by 121, while the deaths were no less than 369 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 22 and 21 per 1000, further declined to 19; during the past six weeks of the current quarter the rate has averaged but 20. The rate, after distribution of the deaths in institutions in proportion to population, was 19 per 1000 in the West, 17 in the North, 19 in the Central, 20 in the East, and 19 in the South groups of Districts.

The 1181 deaths included 15 from small-pox, 11 from measles, 14 from scarlet fever, 3 from diphtheria, 25 from whooping-cough, 28 from different forms of fever (of which 2 were certified as typhus, 19 as enteric or typhoid, and 7 as simple continued fever), and 19 from diarrhœa; thus to the seven principal diseases of the zymotic class 115 deaths were referred, against 160, 132, and 119 in the three preceding weeks. The deaths from these seven diseases were in the aggregate no less than 182 below the corrected average number in the corresponding week of the last ten years. London has probably never been so free from the prevalence of zymotic disease as it is now. Two of the deaths from measles were returned in Battersea, 2 from scarlet fever in Lambeth Church First, and 2 from enteric fever in Charlton (Woolwich), sub-districts.

Small-pox caused 15 deaths, against 6 and 14 in the two preceding weeks, and included 5 in the small-pox hospitals and 2 in Kensington Town sub-district; 5 fatal cases were returned as unvaccinated, 4 of adults as vaccinated, and 6 as "not stated." Experience shows that most of the "not stated" cases are unvaccinated.

The mean temperature of the air at the Royal Observatory, Greenwich, was 50°·3, and 4°·8 above the average for the corresponding week in 50 years; an excess again prevailed on each day of the week, and on Wednesday the mean was 55°·8 or 10°·3 above the average. Rain fell on each of the first three days of the week, but only to the amount of the third of an inch.

The 16 days of excessive temperature ending on Saturday last have caused a decline in the mortality from diseases of the respiratory organs and phthisis; the fatal cases, which were 513 during the seven days ending 26th ultimo, have in the two past weeks declined successively to 467 and 438; they were last week 76 below the corrected average weekly number.

The deaths included 45 of persons aged 80 years and upwards, against 59 and and 32 in the two previous weeks; 2 were returned as nonagenarians. The deaths of 8 infants and of one adult were certified as the direct result of syphilis. Five deaths in childbirth, and 10 from puerperal fever were included in the returns.

To different forms of violence 38 deaths were referred; 31 were the result of negligence or accident, including 9 from fractures and contusions, 8 from burns and scalds, 4 from drowning, and 7 from suffocation; all the latter were cases of infants. Six deaths from suicide were registered.

Four of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 50 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 10th instant; of these, 46 occurred in the Metropolitan and 4 in the City Police Districts.

In the large Public Institutions 198 deaths were recorded, or 17 per cent. of the total deaths; of these, 102 occurred in Workhouses and 89 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending October 8th were 360, including 127 from remittent fever, and the annual death-rate was equal to 29 per 1000. The usual returns from Madras and Calcutta have not yet come to hand.

Foreign Cities.

In Paris 682 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 19 per 1000 of the estimated population. In Brussels 70 deaths occurred in the week ending the 2nd instant, and the annual death-rate was 20 per 1000. In Berlin during the week ending last Thursday, 434 deaths were recorded, showing an annual rate of 27 per 1000; to enteric fever 49 deaths were referred, against 89, 85, and 67 in the three preceding weeks. In Vienna the 356 deaths in the week ending 2nd instant gave an annual rate of 30 per 1000. In Rome 166 deaths were registered in the week ending 27th ultimo, and the annual death-rate was 35 per 1000.

In the City of New York 483 deaths were registered in the week ending October 19th, and the equivalent annual rate of mortality was 27 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·86 in.; the lowest reading was 29·16 in. at the beginning of the week, and the highest 30·21 in. on Thursday evening. The mean temperature of the *air* was 50°·3, or 4°·8 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean exceeded the average on each day of the week; on Sunday 3rd it was 46°·3 and the excess only 0°·2, while on Wednesday it was 55°·8, and exceeded the average by 10°·3. The highest day temperature in the shade was 61°·8 on Tuesday, and the lowest night temperature 38°·4 on Monday; the extreme range in the week was, therefore, 23°·4. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 87°·3 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 3°·9. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 49°·5. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 16 miles per hour. *Rain* fell on each of the first three days of the week, but only to the amount of ·33 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 46°·2 in Hull to 50°·5 in Bradford; the lowest recorded night temperature was 32°·0 in Hull, and the highest day temperature in the shade 64°·0 in Leeds. Rain was measured in each of the towns; the amounts varied from ·24 of an inch in Leeds, to ·96 in Manchester.

In Centigrade degrees the mean temperature of the air at Greenwich was 10°·2, or 2°·7 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 16°·6, the lowest night temperature 3°·6, and the highest temperature in the sun 30°·7. The wind blew at the rate of 26 kilometres an hour, and the rain-fall measured ·84 of a centimetre.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 314,353 cubic metres, and at Barking 328,096 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-FIFTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1832	1963	1994	2171	2212	2270	2145	2271	2216	2206	2128·0	2462
Males . .	921	1011	1003	1072	1132	1187	1063	1160	1174	1091	1081·4	1266
Females .	911	952	991	1099	1080	1083	1082	1111	1042	1115	1046·6	1196
Total Deaths	1307	1270	1586	1464	1361	1195	1387	1689	1468	1365	1409·2	1181
Males . .	617	659	783	771	679	643	716	841	782	705	719·6	607
Females .	690	611	803	693	682	552	671	848	686	660	689·6	574

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9
Total Deaths - - - -	1445	1274	1236	1236	1203	1106	1279	1276	1218	1369	1381	1306	1181
Deaths under 5 years of age -	725	622	569	573	531	484	557	541	512	579	548	508	463
Deaths 5—20 - - - -	81	80	85	82	82	82	85	84	81	98	70	84	81
Deaths 20—40 - - - -	175	151	197	175	160	151	190	197	199	205	213	187	161
Deaths 40—60 - - - -	212	195	187	187	198	177	202	202	194	232	251	240	219
Deaths 60—80 - - - -	209	180	163	180	197	174	213	212	181	203	240	255	212
Deaths at 80 years & upwards	43	46	35	39	35	38	32	40	51	51	59	32	45
Deaths from Smallpox - -	16	15	8	6	12	5	9	10	7	17	6	14	15
,, ,, Measles - -	26	12	15	17	9	10	12	9	7	15	4	12	11
,, ,, Scarlet Fever -	15	12	13	10	22	12	17	20	21	17	22	21	14
,, ,, Diphtheria -	4	3	3	5	2	5	5	5	5	12	9	2	3
,, ,, Whooping-cough	36	35	34	32	26	31	38	31	34	37	31	28	25
,, ,, Typhus fever -	5	2	2	5	3	3	4	6	4	3	3	4	2
,, ,, Enteric (or Typhoid) fever -	16	16	20	8	18	21	17	19	16	19	19	14	19
,, ,, Simple Contd fever	6	7	8	3	8	6	5	4	11	4	6	6	7
,, ,, Diarrhœa - -	270	197	156	134	119	95	92	50	45	36	32	18	19
,, ,, Simple Cholera -	11	12	13	7	2	7	2	—	—	3	—	—	—
,, ,, Phthisis - -	156	133	173	145	133	126	173	152	150	163	167	155	142
,, ,, Bronchitis - -	68	63	72	85	89	94	106	134	143	190	204	182	168
,, ,, Pneumonia -	41	44	35	53	43	56	76	81	78	80	104	91	93
,, ,, Heart Disease -	63	70	44	51	58	55	57	67	75	66	66	77	65
Mean Temperature of the Air	60°·6	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0	52°·4	47°·3	44°·4	47°·4	49°·7	50°·3
Mean Temperature of the Water of the Thames -	63·9	65·1	65·0	64·0	64·6	63·4	56·0	54·5	53·2	49·7	49·0	49·1	49·5
Humidity of the Air - -	72	72	77	75	82	78	81	86	85	92	92	90	87
Rain-fall in inches - -	0·01	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·38

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 9th day of November 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 9th Nov. 1872.	DEATHS registered during the Week ending 9th Nov. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5585	3070	64·9	29·0	48·3	9·05	0·72
LONDON	78,080	3,311,298	42·4	2462	1181	61·8	38·4	50·3	10·17	0·33
PORTSMOUTH	9,513	115,455	12·1	82	44	58·4	36·0	48·7	9·28	0·61
NORWICH	7,472	81,105	10·9	53	30	60·0	33·0	46·3	7·94	0·50
BRISTOL	4,688	186,428	39·8	140	58	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	57	25	59·1	39·0	48·3	9·05	0·60
BIRMINGHAM	7,831	350,164	44·7	303	169	61·0	39·7	49·7	9·83	0·44
LEICESTER	3,200	99,143	31·0	80	30	61·2	36·0	48·1	8·94	0·32
NOTTINGHAM	1,996	88,225	44·2	74	28	62·4	36·6	48·3	9·05	0·64
LIVERPOOL	5,108	499,897	97·9	355	211	63·0	39·8	49·5	9·72	0·89
MANCHESTER	4,486	352,759	78·6	261	190	60·2	36·0	47·4	8·55	0·96
SALFORD	5,172	127,923	24·7	113	64	61·5	36·2	48·1	8·94	0·88
OLDHAM	4,167	84,004	20·2	52	62	—	—	—	—	—
BRADFORD	6,590	151,720	23·0	103	77	61·5	40·6	50·5	10·28	0·25
LEEDS	21,572	266,564	12·4	293	135	64·0	40·0	49·6	9·78	0·24
SHEFFIELD	22,830	247,847	10·9	197	102	60·5	39·7	49·3	9·61	0·49
HULL	3,562	124,976	35·1	103	56	60·0	32·0	46·2	7·89	0·31
SUNDERLAND	3,306	100,665	30·4	100	59	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	117	68	—	—	—	—	—
EDINBURGH	4,427	205,146	46·3	101	86	61·0	31·7	46·0	7·78	2·10
GLASGOW	5,063	489,136	94·8	389	251	60·5	36·0	46·3	7·94	2·48
DUBLIN	9,745	310,565	31·9	150	144	64·9	29·0	49·1	9·50	0·21

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in Apr raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pr between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the ending Saturday the 9th day of November 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	21	2589	676	510	33	39	112	7	51	100	58	86	163
LONDON	19	1181	309	257	15	11	14	3	25	28	19	38	76
PORTSMOUTH	20	44	10	7	7	–	–	–	–	2	1	1	2
NORWICH	19	30	6	8	–	2	–	–	1	1	–	2	5
BRISTOL	16	58	18	12	1	–	–	–	1	2	–	2	5
WOLVERHAMPTON	19	25	5	6	1	–	2	–	–	1	1	3	3
BIRMINGHAM	25	169	49	30	2	2	18	1	5	9	5	2	12
LEICESTER	16	30	8	5	–	1	–	–	–	1	1	–	–
NOTTINGHAM	17	28	9	7	–	–	–	–	2	–	2	1	2
LIVERPOOL	22	211	49	47	–	12	8	2	2	13	5	11	17
MANCHESTER	28	190	49	30	4	8	12	1	1	6	1	4	12
SALFORD	26	64	19	10	–	–	4	–	–	3	6	–	1
OLDHAM	39	62	10	9	–	–	25	–	–	–	3	1	2
BRADFORD	26	77	17	13	–	1	4	–	2	5	–	3	3
LEEDS	26	135	32	21	2	1	10	–	4	13	3	3	5
SHEFFIELD	21	102	28	15	–	–	7	–	4	9	4	4	6
HULL	23	56	19	13	1	–	1	–	–	3	4	4	4
SUNDERLAND	31	59	18	8	–	1	2	–	2	1	1	3	3
NEWCASTLE-ON-TYNE	27	68	21	12	–	–	5	–	2	3	2	4	5
DUBLIN	24	144	19	45	3	2	2	2	2	7	2	5	6

Table 5.—Deaths Registered in London in the Forty-fifth Week of the Year 1872.

USES OF DEATH.	Average in the Forty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 9, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°6	50°3						
ALL CAUSES – –	1409·2	1181	463	81	161	219	212	45
SPECIFIED CAUSES	1398·0	1178	461	81	161	219	211	45
ZYMOTIC DISEASES.								
Order 1.								
Small-pox – – –	21·3	15	3	6	6	–	–	–
Measles – – –	34·9	11	10	–	–	1	–	–
Scarlet Fever (Scarlatina)	94·5	14	12	2	–	–	–	–
Diphtheria – – –	9·2	3	2	1	–	–	–	–
Quinsy – – –	1·2	–	–	–	–	–	–	–
Croup – – –	12·5	5	5	–	–	–	–	–
Whooping-cough – –	34·7	25	24	1	–	–	–	–
Typhus – – –	52·6	2	–	1	1	–	–	–
Enteric or Typhoid Fever		19	2	8	4	3	2	–
Simple continued Fever –		7	2	1	–	3	–	1
Erysipelas – – –	9·1	8	1	–	1	2	4	–
Puerperal Fever (Metria)	7·6	10	–	–	9	1	–	–
Carbuncle – – –	1·4	–	–	–	–	–	–	–
Influenza – – –	·8	–	–	–	–	–	–	–
Dysentery – – –	·8	–	–	–	–	–	–	–
Diarrhœa – – –	22·4	19	13	1	–	1	4	–
Simple Cholera –	8·0	–	–	–	–	–	–	–
Cholera – – –	·4	–	–	–	–	–	–	–
Remittent Fever – –	·9	–	–	–	–	–	–	–
Rheumatism – – –	11·2	11	–	2	2	4	3	–
Other *Zymotic* Diseases –	·3	–	–	–	–	–	–	–
Order 2.								
Syphilis – – –	7·5	9	8	–	1	–	–	–
Stricture of Urethra –	·6	1	–	–	–	–	1	–
Hydrophobia – – –	·1	–	–	–	–	–	–	–
Cancers – – –	—	–	–	–	–	–	–	–
Order 3.								
Privation – – –	·6	–	–	–	–	–	–	–
Infant of Breast-milk	8·7	12	12	–	–	–	–	–
Purpura and Scurvy	2·6	4	4	–	–	–	–	–
Disease– { *a* Del. Tremens	1·9	1	–	–	1	–	–	–
ism { *b* Intemperance –	1·3	–	–	–	–	–	–	–
Order 4.								
Thrush – – – –	3·0	4	4	–	–	–	–	–
Worms, &c. – – –	—	1	–	–	1	–	–	–
INSTITUTIONAL DIS.								
Order 1.								
Gout – – – –	1·4	1	–	–	–	1	–	–
Dropsy – – –	11·3	2	–	1	2	–	–	–
Cancer – – –	29·1	27	–	–	–	17	10	–
Cancrum Oris (Noma)	·8	–	–	–	–	–	–	–
Mortification – –	2·0	1	–	–	–	–	–	1
Order 2.								
Scrofula – – –	8·2	6	2	3	–	1	–	–
Tabes Mesenterica –	19·9	21	19	2	–	–	–	–
Phthisis – – –	156·7	142	8	17	67	43	7	–
Hydrocephalus –	25·6	22	18	4	–	–	–	–
LOCAL DISEASES.								
Order 1.								
Encephalitis – – –	10·4	13	6	3	2	2	–	–
Apoplexy – – –	31·0	33	6	–	3	10	13	1
Paralysis – – –	22·3	24	–	–	2	6	12	4
Insanity – – –	2·3	1	–	–	–	–	1	–
Chorea – – –	·3	–	–	–	–	–	–	–
Epilepsy – – –	5·7	6	–	1	3	2	–	–
Convulsions – –	52·1	37	37	–	–	–	–	–
Brain *Disease, &c.* – –	13·3	17	2	1	2	7	3	2
Order 2.								
Pericarditis – – –	2·7	4	–	2	–	2	–	–
Aneurism – – –	2·4	4	–	–	2	1	1	–
Heart *Disease, &c.* – –	60·7	65	2	2	13	20	26	2
Order 3.								
Laryngitis – – –	5·9	9	7	1	1	–	–	–
Bronchitis – – –	171·9	168	77	1	7	23	52	8
Pleurisy – – –	4·1	4	–	–	2	1	–	1
Pneumonia – – –	103·6	93	64	1	10	11	7	–
Asthma – – –	7·8	9	–	–	–	2	7	–
Lung *Disease, &c.* – –	17·1	13	9	–	1	–	–	3
Order 4.								
Gastritis – – –	2·4	1	–	–	–	–	1	–
Enteritis – – –	4·7	6	2	–	1	2	1	–
Peritonitis – – –	4·0	8	–	2	1	4	1	–
Ascites – – –	2·0	3	1	–	–	1	1	–
Ulceration of Intestines –	3·2	5	1	2	1	1	–	–
Hernia – – – –	3·1	3	–	–	–	–	3	–
Ileus – – – –	3·0	3	–	–	–	1	1	1
Intussusception – –	·7	1	1	–	–	–	–	–

CAUSES OF DEATH.	Average in the Forty-fifth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 9, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°6	50°3						
9. Stricture of Intestines –	·7	1	–	–	–	1	–	–
10. Fistula – – – –	·5	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	6·1	7	2	–	1	3	1	–
12. *Pancreas Disease, &c.* –	—	–	–	–	–	–	–	–
13. Hepatitis – – – –	3·7	4	–	–	–	2	2	–
14. Jaundice – – –	3·6	3	–	–	–	1	2	–
15. *Liver Disease, &c.* – –	15·5	25	1	3	1	11	9	–
16. *Spleen Disease, &c.* –	·6	–	–	–	–	–	–	–
Order 5.								
1. Nephritis – – – –	·8	4	–	–	–	3	1	–
2. Ischuria – – –	·2	2	–	–	1	1	–	–
3. Bright's Disease (Nephria)	8·6	11	2	–	1	6	1	1
4. Diabetes – – – –	1·9	2	–	–	–	2	–	–
5. Calculus (Stone) – –	1·3	2	–	–	–	1	1	–
6. Cystitis – – – –	·9	–	–	–	–	–	–	–
7. *Kidney Disease, &c.* – –	7·8	8	–	1	–	4	3	–
Order 6.								
1. Ovarian Dropsy – –	·9	1	–	–	–	–	1	–
2. *Uterus Disease, &c.* – –	3·8	4	–	–	2	1	1	–
Order 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* – –	4·6	5	1	3	–	–	1	–
Order 8.								
1. Phlegmon – – – –	3·3	4	1	–	1	2	–	–
2. Ulcer – – – –	1·0	1	–	–	–	1	–	–
3. *Skin Disease, &c.* – –	1·4	1	1	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth – –	20·1	19	19	–	–	–	–	–
2. Cyanosis – – – –	1·8	3	3	–	–	–	–	–
3. Spina Bifida – – –	1·0	1	1	–	–	–	–	–
4. Other Malformations –	1·7	1	1	–	–	–	–	–
5. Teething – – – –	12·1	5	5	–	–	–	–	–
Order 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·4	5	–	1	2	2	–	–
Order 3.								
1. Old Age – – – –	46·9	41	–	–	–	–	22	19
Order 4.								
1. Atrophy and Debility –	56·4	46	43	–	–	1	2	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	18·0	9	2	2	3	1	–	1
2. Wounds { Gunshot –	·3	–	–	–	–	–	–	–
Wounds { Cut, Stab –		1	–	–	–	1	–	–
3. Burns and Scalds – –	4·4	8	7	1	–	–	–	–
4. Poison – – – –	1·0	1	–	–	–	–	1	–
5. Drowning – – –	3·0	4	–	1	2	1	–	–
6. Suffocation – – –	7·5	7	7	–	–	–	–	–
7. Otherwise – – –	2·5	1	–	–	1	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	1·3	–	–	–	–	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot –	·5	–	–	–	–	–	–	–
Wounds { Cut, Stab –	1·0	1	–	1	–	–	–	–
2. Poison – – – –	·6	–	–	–	–	–	–	–
3 Drowning – – –	·8	2	–	2	–	–	–	–
4. Hanging – – –	1·4	2	–	–	–	1	1	–
5. Otherwise – – –	·6	1	–	–	–	–	1	–
Order 5. (Execution.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·4	1	1	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	2·4	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	8·8	3	2	–	–	–	1	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCAR during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2462	1181	309	257	15	11	14	3	25	2	19	7	19	38	76
WEST DISTRICTS	561,189	353	208	49	43	3	1	2	2	–	1	4	1	2	6	15
NORTH DISTRICTS	751,663	548	256	64	64	4	1	3	–	6	1	3	1	7	6	16
CENTRAL DISTRICTS	333,887	249	127	30	24	1	1	1	–	4	–	1	1	1	6	11
EAST DISTRICTS	638,928	532	250	72	46	1	5	2	–	7	–	3	4	4	12	20
SOUTH DISTRICTS	966,132	780	340	94	80	6	3	6	1	8	–	8	–	5	8	14
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	34	14	2	4	–	–	–	1	–	1	–	–	–	–	1
St. John Paddington H	38082	13	12	1	4	–	–	–	–	–	–	–	–	–	1	1
Kensington Town *WL*	91583	75	39	16	6	2	–	1	–	–	–	1	1	1	–	3
Brompton H	28651	13	15	3	1	–	–	1	1	–	–	–	–	1	–	1
St. Peter Hammersmith	6662	3	2	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	27	17	3	4	–	–	–	–	–	–	–	–	–	2	3
Fulham *WLLLL*	23378	25	15	2	1	–	–	–	–	–	–	–	–	–	–	1
Chelsea South HH	28419	13	6	1	3	–	–	–	–	–	–	–	–	–	1	1
Chelsea North-west H*Ww*	23278	17	18	6	6	1	–	–	–	–	–	1	–	–	–	–
Chelsea North-east L	21389	14	5	2	–	–	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	5	8	3	1	–	–	–	–	–	–	1	–	–	–	–
May Fair *W*	13020	10	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	35	16	2	2	–	1	–	–	–	–	–	–	–	–	1
St. John Westminster HHH	38470	19	12	2	4	–	–	–	–	–	–	–	–	–	1	1
St. Margaret Westminster *WW*HH	27640	22	12	2	4	–	–	–	–	–	–	–	–	–	1	1
St. James's Square	10453	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	4	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	5	3	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	16	6	1	1	–	–	–	–	–	–	1	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	15	17	5	1	–	–	–	–	–	–	–	–	1	–	–
Cavendish Square	15419	5	6	1	4	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	15	22	2	11	–	–	–	–	–	–	–	–	2	–	2
St. Mary Marylebone H	21795	20	8	1	3	–	–	–	–	–	–	–	–	–	–	1
Christchurch Marylebone	33892	19	13	4	3	–	–	–	–	1	–	–	–	–	–	1
St. John Marylebone	33110	21	5	2	1	–	–	–	–	–	–	–	1	–	–	–
Hampstead *W*HHH	32271	25	8	1	4	–	1	–	–	–	–	1	–	1	–	–
Regent's Park Pancras	38192	28	6	3	1	–	–	–	–	1	–	–	–	–	–	1
Tottenham-court *w*H	29560	19	15	4	3	–	–	–	–	–	–	–	–	–	2	2
Gray's Inn Lane H	29216	28	9	–	2	–	–	–	–	–	–	–	–	–	2	3
Somers Town	38562	22	10	1	3	–	–	–	–	–	–	–	–	–	–	–
Camden Town *W*	18066	13	7	3	2	–	–	–	–	1	–	1	–	–	–	–
Kentish Town *W*	68198	59	27	7	5	–	–	1	–	1	–	–	–	–	–	2
Islington West HHH	97801	98	23	3	3	–	–	1	–	–	1	–	–	1	–	1
Islington East *Ww*H	115948	75	36	13	10	1	–	–	–	1	–	–	–	1	–	–
Stoke Newington L	9810	4	2	1	–	–	–	–	–	1	–	–	–	–	–	–
Stamford Hill	6599	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	20	14	5	3	–	–	1	–	–	–	1	–	–	–	–
Hackney *Ww*HHL	50087	43	16	3	2	3	–	–	–	–	–	–	–	–	1	1
South Hackney L	30305	17	11	5	3	–	–	–	–	–	–	–	–	1	1	2
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	13	13	4	4	–	–	–	–	–	–	–	1	–	–	1
St. Giles South *WH*	19089	15	4	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	7	3	2	1	–	–	–	–	–	–	–	–	–	1	1
Long Acre	11326	6	8	3	2	–	–	–	–	1	–	–	–	–	–	1
Charing Cross H	9831	8	5	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	8	6	–	2	–	–	–	–	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	13	8	1	–	–	–	–	–	–	–	–	–	–	1	3
St. Andrew Eastern *W*	13528	13	8	–	1	–	–	–	–	–	–	–	–	–	1	1
Saffron Hill	9051	5	4	2	–	–	1	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	19	8	3	3	–	–	–	–	1	–	–	–	1	–	–
Amwell Clerkenwell	16878	16	5	1	1	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	12	3	–	1	–	–	–	–	–	–	1	–	–	1	1
Goswell-street	16220	23	8	2	–	–	–	–	–	2	–	–	–	–	–	–
Old-street H	12156	13	3	–	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WH*HL	18291	24	10	3	2	1	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	11	4	3	–	–	–	–	–	–	–	–	–	–	1	1
Finsbury	10732	3	3	1	–	–	–	1	–	–	–	–	–	–	–	–
St. Botolph HH	14484	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	7	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	4	16	–	3	–	–	–	–	–	–	–	–	–	1	1
St. Bride *W*	11184	5	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	2	2	–	–	–	–	–	–	–	–	–	–	–	1
Christchurch	6308	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	5	2	2	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
day, 9th November 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch – –	12429	8	5	2	–	–	1	1	–	–	–	–	–	–	2	2	–
onard Shoreditch HL†	16545	4	7	4	–	–	–	–	–	–	–	–	–	–	–	–	–
on New Town *w* –	27832	24	9	5	1	–	–	–	–	–	–	–	–	–	–	–	2
on Old Town – –	28944	24	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
erstone West *W* –	24153	22	9	3	3	–	–	–	–	–	–	–	–	1	–	–	4
erstone East –	19257	10	5	1	3	–	–	–	–	–	–	–	1	–	–	–	–
ney-road – –	29808	30	12	6	–	–	–	–	–	–	–	–	–	–	–	–	–
, Bethnal Green *W*HL†	42443	35	31	9	4	–	1	1	–	1	–	1	–	2	2	8	9
h, Bethnal Green –	26574	24	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
, Bethnal Green –	21375	23	4	2	–	–	–	–	–	1	–	–	–	–	–	–	–
ery Whitechapel –	6651	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
fields – –	15844	5	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
End New Town *W*	15550	12	11	–	6	–	–	–	–	–	–	–	–	–	–	1	7
echapel North –	11434	5	4	3	–	–	1	–	–	–	–	–	–	–	–	–	–
echapel Church H	7323	4	8	–	–	–	–	–	–	–	–	–	–	–	3	2	7
man's Fields – –	10381	4	3	1	1	–	–	–	–	–	–	–	–	–	–	–	–
ate – – – –	9149	1	3	–	–	–	–	–	–	1	–	–	–	–	–	–	–
ary St. George East –	17906	25	5	2	1	–	–	–	–	–	–	–	–	–	1	1	–
ul St. George East –	21356	14	6	2	1	–	–	–	–	–	–	–	1	–	–	–	–
hn St. George East *W*	8973	2	8	1	1	–	–	–	–	–	–	–	–	–	2	2	4
well – – – – –	11623	10	6	2	2	–	1	–	–	–	–	–	–	–	–	1	–
ff H – – – –	15930	10	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1
house *W* – – –	30025	28	12	4	3	–	–	–	–	–	–	1	–	1	1	1	–
End Old Town West –	38126	34	16	7	3	1	–	–	–	2	–	–	1	–	–	–	–
End Old Town East *W*H –	55020	59	20	2	4	–	–	–	–	2	–	–	–	–	1	2	1
*W*HL† – – – –	67777	58	35	9	8	–	1	–	–	1	–	1	–	–	–	–	11
r *WW* – – – –	48500	53	13	2	4	–	–	–	–	1	–	–	1	–	–	–	–
SOUTH DISTRICTS.																	
tchurch Southwark *W* –	14547	12	9	1	5	–	–	–	–	–	–	–	–	–	–	–	4
aviour Southwark H –	15667	21	4	3	–	–	–	–	–	–	–	–	–	–	–	–	–
-road – – – –	20430	19	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ugh-road *W*H – –	16694	10	6	1	1	–	–	–	–	–	–	–	–	–	–	–	1
on-road L – – –	18959	16	3	1	–	–	–	–	–	–	–	–	–	–	–	1	–
ty Newington – –	23673	20	8	3	3	–	–	–	–	–	–	–	–	–	–	–	–
eter Walworth *W* –	48232	40	23	7	5	–	–	–	–	2	–	–	–	1	–	–	7
lary Newington –	16786	17	6	2	2	1	–	–	–	–	–	–	–	–	–	–	–
lave Southwark H –	4157	1	3	–	1	1	–	–	–	–	–	–	–	–	1	1	1
ohn Horsleydown *W* –	10595	17	8	3	–	–	–	–	–	–	–	–	–	–	–	–	2
her Market – –	16785	15	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
lary Magdalen *W* –	15707	13	8	2	–	–	1	–	–	–	–	–	–	–	–	–	2
ames Bermondsey –	47921	46	17	6	1	–	–	–	–	1	–	1	–	–	–	–	–
erhithe *W* – –	25873	21	9	4	2	–	1	–	–	–	–	–	–	–	–	1	–
erloo-road 1st H –	14086	10	5	2	–	–	–	–	–	1	–	–	–	–	–	–	1
erloo-road 2nd H –	18453	11	10	6	2	–	–	–	–	–	–	1	–	–	–	1	1
beth Church 1st H	19470	18	17	3	3	–	–	2	–	1	–	–	–	–	2	2	8
beth Church 2nd *W* –	35831	50	15	6	4	–	–	–	–	–	–	1	–	–	–	–	3
nington 1st *W* – –	41384	25	18	2	7	1	–	1	–	–	–	–	–	–	–	–	–
nington 2nd – –	31213	18	5	2	3	–	–	–	–	–	–	–	–	–	1	1	–
ton HL – – –	35431	22	24	3	6	3	–	1	–	–	–	2	–	–	–	1	6
wood *W* – –	12534	7	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ham HL – – –	27348	15	5	2	–	–	–	–	–	–	–	–	–	–	–	–	–
ersea *W* – – –	53988	50	23	6	3	–	2	1	1	1	–	–	–	1	1	1	–
dsworth HL – –	19797	11	4	–	1	–	–	–	–	–	–	–	–	–	–	–	2
ey – – – – –	9438	10	5	2	2	–	–	–	–	–	–	–	–	–	–	1	–
tham – – – –	14479	7	4	1	2	–	–	–	–	–	–	–	–	1	–	–	–
vich – – – –	4041	–	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
berwell *W*L†L† – –	31251	18	13	4	4	–	–	–	–	1	–	–	–	–	–	–	4
ham *W* – – –	42159	30	6	1	4	–	–	–	–	–	–	–	–	–	–	–	–
eorge Camberwell –	33851	32	7	5	1	–	–	–	–	–	–	–	–	–	–	–	–
aul Deptford – –	53696	45	21	5	5	–	–	–	–	1	–	–	–	–	2	3	–
icholas Deptford –	6487	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nwich West – –	21098	19	7	3	1	–	–	–	–	–	–	–	–	1	–	–	–
nwich East *WH* –	19320	13	9	–	3	–	–	–	–	–	–	1	–	–	–	–	2
am – – – – –	4528	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
isham Village *W* –	16430	10	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
nham – – – –	11508	15	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–
	19016	12	8	3	1	–	–	–	–	–	–	–	–	1	–	–	–
lton H – – – –	9503	5	4	–	1	–	–	–	–	–	–	2	–	–	1	–	–
lwich Dockyard –	17229	15	3	–	1	–	–	–	–	–	–	–	–	–	–	1	–
lwich Arsenal H –	18319	19	5	–	1	–	–	–	–	–	–	–	–	–	–	–	–
nstead, West – –	13028	7	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–
nstead, East *W* –	15290	15	2	–	1	–	–	–	–	–	–	–	–	–	–	–	1

Following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Géo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand – – „ „ Tottenham-court sub-district.
London City – – „ „ Islington East.
Holborn Infirmary – „ „
London City – – „ „ Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City „ „ { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney – „ „ Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9th NOVEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	3	..	29·702	52·4	41·6	10·8	46·3	41·3	69·3	33·0	50·6	49·0	5·0	9·6	0·0	+ 0·2	83	W.&WNW.	WNW.&W.	11·0	0·0	1·0	456	0·02	..
MONDAY . .	4	..	29·828	55·0	38·4	16·6	47·7	43·9	70·6	31·0	49·9	48·0	3·8	7·2	0·0	+ 1·8	87	WSW.&SSW.	SSW.	5·7	0·0	0·7	369	0·23	..
TUESDAY .	5	Greatest Dec. S.	29·652	61·8	51·0	10·8	55·7	53·3	86·4	46·2	49·6	47·7	2·4	4·2	0·6	+10·0	92	SW. & WSW.	WSW.	4·0	0·0	0·9	416	0·08	..
WEDNESDAY	6	Perigee	29·730	61·1	49·9	11·2	55·8	53·1	69·8	45·1	50·2	48·4	2·7	6·5	1·1	+10·3	91	SW.	SW.	8·8	0·0	1·6	556	0·00	..
THURSDAY .	7	..	30·140	58·3	44·1	14·2	49·7	42·6	87·3	37·0	50·9	48·8	7·1	12·4	3·3	+ 4·4	77	SW. & WSW.	W.&WSW.	3·5	0·0	0·7	397	0·00	..
FRIDAY . .	8	FirstQr.	30·096	57·9	43·0	14·9	51·1	48·1	82·2	34·3	50·9	48·8	3·0	9·5	1·5	+ 6·1	90	SW. & WSW.	W.&WSW.	3·3	0·0	0·4	320	0·00	..
SATURDAY .	9	..	29·886	49·9	42·0	7·9	45·7	42·1	65·5	34·6	50·9	49·0	3·6	6·7	0·7	+ 1·0	87	NW&WSW	W.&WSW.	1·2	0·0	0·1	232	0·00	..
MEANS . .		..	29·862	56·6	44·3	12·3	50·3	46·3	75·9	37·3	50·4	48·5	3·9	8·0	1·0	+ 4·8	87	WSW.		..	..	..	Sum 2746	Sum 0·33	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
NOVEMBER.			
SUNDAY .	3	No electricity shown.	Rain fell in early morning, accompanied by strong wind. Small amounts of cloud present till night; then cloudless and very fine. Foggy.
MONDAY .	4	Positive, with variable tension.	Very variable throughout. Rain fell heavily at night. Strong gusty wind.
TUESDAY .	5	No electricity shown.	Cloudy, and rain fell occasionally till night. Cloudless at times after 9h. P.M.
WEDNESDAY	6	Moderate positive at night.	Generally overcast till noon, a little thin rain also fell. Variable during the afternoon and evening.
THURSDAY .	7	Positive, with variable tension.	Somewhat cloudy at mid-day. Very fine and at times cloudless at other periods.
FRIDAY .	8	Strong positive throughout.	Cloudy though fine. Dull, hazy, and misty at night.
SATURDAY .	9	Positive, with variable tension.	Generally overcast. Hazy and misty.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·16 in. at the beginning of the week to 29·94 in. by 9h. A.M. on the 4th; decreased to 29·59 in. by 9h. A.M. on the 5th; increased to [illegible] by the end of the week.

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 46. 1872. Vol. XXXIII.] Week ending Saturday, November 16. [Price 1*d.*

General Register Office, Somerset House,
18th November 1872.

United Kingdom.

During the week ending Saturday last, 5193 *births* and 3063 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 21 per 1000 persons living in Edinburgh, 24 in Glasgow, and 21 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 20, Norwich 19, Bristol 22, Wolverhampton 22, Birmingham 24, Leicester 17, Nottingham 20, Liverpool 25, Manchester 26, Salford 22, Oldham 42, Bradford 28, Leeds 25, Sheffield 23, Hull 23, Sunderland 23, and Newcastle-upon-Tyne 28. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 106 and 112, declined last week to 96; the deaths from this disease were equal to an annual rate of 14 per 1000 in Oldham, 3 in Birmingham and Newcastle-on-Tyne, and 2 in Leeds. The deaths referred to scarlet fever within the borough of Oldham since the 3rd of August last were no less than 357 up to last Saturday night. The death-rate from fever, principally enteric, was again excessive last week in Leeds and Hull. The fatal cases of small-pox in Portsmouth were equal to an annual rate of 5 per 1000 persons living.

London.

In London 2218 births and 1183 deaths were registered. After making due allowance for increase of population, the births were 67, and the deaths so many as 539, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the three preceding weeks had been equal to 22, 21, and 19 per 1000, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 17 per 1000 in the West, 19 in the North, 18 in the Central, 21 in the East, and 17 in the South groups of Districts.

The 1183 deaths included 13 from small-pox, 7 from measles, 14 from scarlet fever, 6 from diphtheria, 32 from whooping-cough, 22 from different forms of fever (of which 2 were certified as typhus, 18 as enteric or typhoid, and 2 as simple continued fever), and 15 from diarrhœa; thus to the seven principal diseases of the zymotic class 109 deaths were referred, against numbers declining steadily from 160 to 115 in the four preceding weeks. In the aggregate, the deaths from these seven diseases were no less than 210 below the corrected average number in the corresponding week of the last ten years; London, therefore, continues to be remarkably free from the prevalence of zymotic disease. Two of the deaths from measles were returned in Bow, 4 from whooping-cough in St. George-in-the-East, and 2 from enteric fever in St. John, Marylebone, sub-district.

Small-pox caused 13 deaths, against 14 and 15 in the two preceding weeks, including 6 in the small-pox hospitals at Homerton and Stockwell; 8 fatal cases were returned as unvaccinated, 2 as vaccinated, and 3 as "not stated."

The mean temperature of the air at the Royal Observatory, Greenwich, was only 37°·9, against 50°·3 in the previous week, and was 5°·6 below the average for the corresponding week in 50 years; a considerable deficiency prevailed on each day of the week, and on Thursday the mean was only 36°·4, and 6°·8 below the average. Rain was measured on each day of the week, to the amount of ·90 of an inch in the aggregate; the fall in the first 16 days of November, on 12 of which rain was measured, amounted to 1·46 inches.

Diseases of the respiratory organs and phthisis caused only 393 deaths, against 513, 467, and 438 in the three preceding weeks; these 393 deaths were 194 below the corrected average from the same causes in the corresponding week of the last ten years. The effect of last week's low temperature does not yet appear in the returns.

The deaths of 39 persons were registered whose age was returned at 80 years and upwards, including 5 nonagenarians. The cause of death was certified in eleven cases of infants, and in one of an adult, as directly the result of syphilis. Five deaths in childbirth, and 8 from puerperal fever were included in the returns.

To different forms of violence 45 deaths were referred; 41 were the result of negligence or accident, including 22 from fractures and contusions, 3 from burns and scalds, 6 from drowning, and 5 of infants from suffocation. The death of a child in Bethnal Green was caused by "water on the brain from shock from the accidental scratch of a cat. *Inquest.*" One death from suicide, and a case of infanticide, were registered.

Eight of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 58 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 17th instant; of these, 54 occurred in the Metropolitan and 4 in the City Police Districts.

In the large Public Institutions 189 deaths were recorded, or 16 per cent. of the total deaths; of these, 86 occurred in Workhouses, and 93 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending October 15th were 345, including 124 from remittent fever, and the annual death-rate was equal to 28 per 1000. In Madras the 280 deaths in the week ending October 11th showed an annual death-rate equal to 37 per 1000. No returns have been received from Calcutta during the past few weeks.

Foreign Cities.

In Paris 705 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 20 per 1000 of the estimated population. In Brussels 54 deaths occurred in the week ending the 9th instant, and the annual death-rate was 15 per 1000. In Vienna the 328 deaths in the week ending the 9th instant gave an annual rate of 28 per 1000; during the six weeks ending 9th instant, the weekly deaths from small-pox steadily declined from 126 to 70. In Rome 149 deaths were registered in the week ending the 3rd instant, and the annual death-rate was 32 per 1000; 24 deaths were referred to fever, against 30 and 16 in the two previous weeks.

In the City of New York 440 deaths were registered in the week ending 26th October, and the equivalent annual rate of mortality was 24 per 1000. In Philadelphia 212 deaths were returned during the same week, equal to a death-rate of 16 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 in.; the highest reading was 29·91 in. on Tuesday evening, and the lowest 29·33 in. on Saturday at noon. The mean temperature of the *air* was 37°·9, or 5°·6 below the average in the corresponding week of the 50 years 1814-63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each day of the week; the coldest day was Thursday when the mean was only 36°·4, and 6°·8 below the average. The highest day temperature in the shade was 46°·7 on Tuesday, and the lowest night temperature 33°·7 on Thursday; the extreme range in the week was, therefore, 13°·0. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 80°·1 on Tuesday. The difference between the mean *dew-point* and *air* temperature averaged 3°·2. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 46°·5. The mean degree of *humidity* of the air was 88, complete saturation being represented by 100. The general direction of the *wind* was N.N.E., and the horizontal movement of the air averaged 17 miles per hour. *Rain* fell on each day of the week; the amount measured was ·90 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 37°·1 in Wolverhampton to 40°·3 in Newcastle; the lowest recorded night temperature was 28°·2 in Portsmouth, and the highest day temperature in the shade 51°·5 in Bradford. Rain was measured in each of the towns; the amounts varied from ·20 of an inch in Salford to 2·48 inches in Newcastle.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 300,644 cubic metres, and at Barking 284,401 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SIXTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1904	2061	1950	2074	1988	2079	2280	2185	2178	2076	2077·5	2218
Males	928	1066	934	1052	1035	1075	1143	1092	1108	1100	1053·3	1118
Females	976	995	1016	1022	953	1004	1137	1093	1070	976	1024·2	1100
Total Deaths	1429	1457	1742	1515	1428	1457	1506	1859	1639	1626	1565·8	1183
Males	732	721	902	767	727	754	766	945	821	807	794·2	603
Females	697	736	840	748	701	703	740	914	818	819	771·6	580

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of RESULTS in the Last THIRTEEN WEEKS.

	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.
Total Deaths	1274	1236	1236	1203	1106	1279	1276	1218	1369	1381	1306	1181	1183
Deaths under 5 years of age	622	569	573	531	484	557	541	512	579	548	508	463	468
Deaths 5—20	80	85	82	82	82	85	84	81	98	70	84	81	76
Deaths 20—40	151	197	175	160	151	190	197	199	206	213	187	161	167
Deaths 40—60	195	187	187	198	177	202	202	194	232	251	240	219	222
Deaths 60—80	180	163	180	197	174	213	212	181	203	240	255	212	211
Deaths at 80 years & upwards	46	35	39	35	38	32	40	51	51	59	32	45	39
Deaths from Small-pox	15	8	6	12	5	9	10	7	17	6	14	15	13
„ „ Measles	12	15	17	9	10	12	9	7	15	4	12	11	7
„ „ Scarlet fever	12	13	10	22	12	17	20	21	17	22	21	14	14
„ „ Diphtheria	3	3	5	2	5	5	5	5	12	9	2	3	6
„ „ Whooping-cough	35	34	32	26	31	38	31	34	37	31	28	25	32
„ „ Typhus fever	2	2	5	3	3	4	6	4	3	3	4	2	2
„ „ Enteric (or Typhoid) fever	16	20	8	18	21	17	19	16	19	19	14	19	18
„ „ Simple Contd fever	7	8	3	8	6	5	4	11	4	6	6	7	2
„ „ Diarrhœa	197	156	134	119	95	92	50	45	36	32	18	19	15
„ „ Simple Cholera	12	13	7	2	7	2	—	—	3	—	—	—	—
„ „ Phthisis	133	173	145	133	126	173	152	150	163	167	155	142	131
„ „ Bronchitis	63	72	85	89	94	106	134	143	190	204	182	168	149
„ „ Pneumonia	44	35	53	43	56	76	81	78	80	101	91	93	81
„ „ Heart Disease	70	44	51	58	55	57	67	75	66	66	77	65	55
Mean Temperature of the Air	64°·3	60°·1	64°·5	62°·7	54°·3	49°·0	52°·4	47°·3	44°·4	47°·4	49°·7	50°·3	37°·9
Mean Temperature of the Water of the Thames	65·1	65·0	64·0	64·6	63·4	56·0	54·5	53·2	49·7	49·0	49·1	49·5	46·5
Humidity of the Air	72	77	75	82	78	81	86	85	92	92	90	87	88
Rain-fall in inches	0·00	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 16th day of November 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 16th Nov. 1872.	DEATHS registered during the Week ending 16th Nov. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.	(n
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5193	3063	51·5	28·2	38·6	3·66	0·89	
LONDON	78,080	3,311,298	42·4	2218	1183	46·7	33·7	37·9	3·28	0·90	
PORTSMOUTH	9,513	115,455	12·1	84	44	48·8	28·2	37·2	2·89	0·23	
NORWICH	7,472	81,105	10·9	40	30	46·5	32·0	38·8	3·77	1·50	
BRISTOL	4,688	186,428	39·8	133	80	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	58	29	44·7	30·9	37·1	2·84	0·68	
BIRMINGHAM	7,831	350,164	44·7	291	163	46·3	32·0	38·0	3·33	0·77	
LEICESTER	3,200	99,143	31·0	67	32	46·2	33·0	38·2	3·44	0·76	
NOTTINGHAM	1,996	88,225	44·2	54	34	50·9	31·2	38·8	3·77	0·92	
LIVERPOOL	5,108	499,897	97·9	376	244	45·1	32·0	38·9	3·83	0·22	
MANCHESTER	4,486	352,759	78·6	272	179	45·0	33·0	38·7	3·72	0·24	
SALFORD	5,172	127,923	24·7	105	54	48·4	31·5	39·0	3·89	0·20	
OLDHAM	4,167	84,004	20·2	63	68	—	—	—	—	—	
BRADFORD	6,590	151,720	23·0	138	82	51·5	33·8	40·1	4·50	0·79	
LEEDS	21,572	266,564	12·4	196	129	50·0	34·0	40·2	4·55	1·21	
SHEFFIELD	22,830	247,847	10·9	187	111	45·0	33·0	38·9	3·83	0·88	
HULL	3,562	124,976	35·1	92	54	48·0	32·0	38·9	3·83	2·11	
SUNDERLAND	3,306	100,665	30·4	74	44	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	112	70	50·0	34·0	40·3	4·61	2·48	
EDINBURGH	4,427	205,146	46·3	100	82	45·0	31·7	37·0	2·78	1·50	
GLASGOW	5,063	489,136	94·8	394	225	44·5	32·0	37·6	3·11	0·02	
DUBLIN	9,745	310,565	31·9	139	126	47·2	30·8	38·3	3·50	0·55	

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in Apr raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pre between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the ending Saturday the 16th day of November 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	21	2630	669	503	39	32	96	12	62	90	51	109	175
LONDON	19	1183	300	250	13	7	14	6	32	22	15	45	81
PORTSMOUTH	20	44	8	5	11	–	–	–	–	2	–	–	3
NORWICH	19	30	5	8	–	2	2	–	1	3	1	–	1
BRISTOL	22	80	17	20	3	1	1	–	–	2	2	6	7
WOLVERHAMPTON	22	29	7	6	–	–	2	–	1	1	–	–	–
BIRMINGHAM	24	163	57	25	2	1	18	3	5	4	2	11	15
LEICESTER	17	32	11	9	–	2	–	–	–	3	3	3	3
NOTTINGHAM	20	34	10	9	–	–	1	–	1	–	–	1	1
LIVERPOOL	25	244	59	55	1	9	1	1	3	11	6	20	27
MANCHESTER	26	179	41	31	2	3	6	–	6	6	6	7	15
SALFORD	22	54	14	7	–	–	2	1	1	1	3	1	2
OLDHAM	42	68	10	3	–	–	22	–	–	–	3	2	2
BRADFORD	28	82	23	12	–	4	3	–	–	2	3	3	3
LEEDS	25	129	38	14	4	2	10	–	4	14	4	2	5
SHEFFIELD	23	111	31	23	2	–	6	–	4	7	–	1	1
HULL	23	54	13	9	1	–	–	–	–	6	2	4	4
SUNDERLAND	23	44	11	7	–	1	1	–	4	3	1	2	2
NEWCASTLE-ON-TYNE	28	70	14	10	–	–	7	1	–	3	–	1	3
DUBLIN	21	126	12	28	2	3	8	–	3	8	–	7	7

TABLE 5.—DEATHS Registered in LONDON in the FORTY-SIXTH Week of the Year 1872.

USES OF DEATH.	Average in the Forty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 16, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°0	37°9						
L CAUSES – –	1565·8	1183	468	76	167	222	211	39
ECIFIED CAUSES	1550·5	1178	464	76	166	222	211	39
ZYMOTIC DISEASES.								
ORDER 1.								
hall-pox – – –	22·6	13	5	2	5	1	–	–
easles – – –	44·4	7	7	–	–	–	–	–
arlet Fever (Scarlatina)	96·9	14	9	5	–	–	–	–
phtheria – –	9·5	6	2	4	–	–	–	–
insy – – –	1·5	1	1	–	–	–	–	–
oup – – –	16·2	13	11	2	–	–	–	–
hooping-cough – –	37·2	32	30	2	–	–	–	–
phus – – – }		2	–	–	2	–	–	–
nteric or Typhoid Fever }	58·2	18	–	6	6	5	1	–
mple continued Fever }		2	–	1	–	1	–	–
rysipelas – –	11·0	11	6	–	–	3	2	–
uerperal Fever (Metria)	5·8	8	–	–	8	–	–	–
rbuncle – – –	1·1	1	–	–	–	1	–	–
fluenza – – –	·6	1	1	–	–	–	–	–
senteryy – – –	1·9	–	–	–	–	–	–	–
iarrhœa – – –	21·3	15	11	1	–	–	3	–
mple Cholera – –	3·5	–	–	–	–	–	–	–
gue – – –	·1	–	–	–	–	–	–	–
emittent Fever – –	·7	1	–	1	–	–	–	–
heumatism – –	8·9	13	–	3	5	5	–	–
her *Zymotic* Diseases –	·3	1	1	–	–	–	–	–
ORDER 2.								
philis – – – –	7·6	12	11	–	1	–	–	–
icture of Urethra –	1·2	1	–	–	–	–	1	–
drophobia – – –	–	–	–	–	–	–	–	–
landers – – –	·2	–	–	–	–	–	–	–
ORDER 3.								
rivation – – –	·6	–	–	–	–	–	–	–
ant of Breast-milk –	10·0	5	5	–	–	–	–	–
rpura and Scurvy –	1·3	2	–	–	–	–	2	–
leo- { *a* Del. Tremens –	2·1	4	–	–	3	1	–	–
lism { *b* Intemperance –	1·0	1	–	–	1	–	–	–
ORDER 4.								
hrush – – – –	3·4	6	6	–	–	–	–	–
Worms, &c. – –	·2	2	1	–	1	–	–	–
ONSTITUTIONAL DIS.								
ORDER 1.								
Gout – – – –	2·0	–	–	–	–	–	–	–
Dropsy – – – –	14·1	10	4	–	1	3	2	–
Cancer – – –	28·7	40	–	–	2	21	15	2
Cancrum Oris (Noma)	·7	1	1	–	–	–	–	–
Mortification – –	3·2	2	–	–	–	–	1	1
ORDER 2.								
Scrofula – – –	7·5	3	1	1	1	–	–	–
Tabes Mesenterica –	18·3	21	20	1	–	–	–	–
Phthisis – – –	169·3	131	3	13	65	41	9	–
Hydrocephalus –	23·5	20	17	2	1	–	–	–
L LOCAL DISEASES.								
ORDER 1.								
Cephalitis – – –	12·7	13	8	1	1	–	3	–
Apoplexy – – –	37·4	51	4	–	4	20	19	4
Paralysis – – –	31·9	24	1	1	1	3	18	–
Insanity – – –	2·6	3	–	–	1	–	2	–
Chorea – – –	·1	1	–	1	–	–	–	–
Epilepsy – – –	8·9	10	1	–	1	3	5	–
Convulsions – –	53·3	39	39	–	–	–	–	–
Brain Disease, &c. –	17·6	10	2	2	2	3	1	–
ORDER 2.								
Pericarditis – –	2·8	7	–	4	1	2	–	–
Aneurism – – –	3·4	1	–	–	–	1	–	–
Heart Disease, &c. –	73·3	55	–	4	9	25	14	3
ORDER 3.								
Laryngitis – – –	6·5	5	4	–	–	1	–	–
Bronchitis – – –	202·9	149	75	3	5	17	42	7
Pleurisy – – –	3·3	5	–	–	–	3	2	–
Pneumonia – – –	121·3	81	54	2	6	11	6	2
Asthma – – – –	11·3	8	–	–	1	2	5	–
Lung Disease, &c. –	19·2	14	2	–	4	7	1	–
ORDER 4.								
Gastritis – – –	1·2	1	–	–	–	1	–	–
Enteritis – – –	5·0	2	–	–	1	–	1	–
Peritonitis – –	5·7	2	–	–	2	–	–	–
Ascites – – –	2·4	1	–	–	–	1	–	–
Ulceration of Intestines	2·8	1	–	–	–	1	–	–
Hernia – – – –	3·9	6	1	–	–	1	4	–
Ileus – – – –	2·6	1	–	–	–	–	–	1
Intussusception –	1·0	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Forty-sixth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 16, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42°0	37°9						
9. Stricture of Intestines –	1·2	1	–	–	1	–	–	–
10. Fistula – – –	·3	1	–	–	–	1	–	–
11. *Stomach Disease, &c.* –	6·0	4	3	–	–	1	–	–
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – –	3·1	1	–	–	–	1	–	–
14. Jaundice – – – –	3·5	3	2	–	–	–	–	1
15. *Liver Disease, &c.* – –	17·4	18	1	1	3	6	7	–
16. *Spleen Disease, &c.* – –	·4	1	–	–	1	–	–	–
ORDER 5.								
1. Nephritis – – – –	1·4	3	2	–	–	1	–	–
2. Ischuria – – – –	·2	2	–	–	–	–	2	–
3. Bright's Disease (Nephria)	9·5	11	–	1	3	4	3	–
4. Diabetes – – – –	·7	1	–	–	1	–	–	–
5. Calculus (Stone) – –	·8	–	–	–	–	–	–	–
6. Cystitis – – – –	·7	1	–	–	–	–	1	–
7. *Kidney Disease, &c.* –	8·7	10	–	–	3	2	5	–
ORDER 6.								
1. Ovarian Dropsy – –	·8	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	4·5	8	–	–	3	4	1	–
ORDER 7.								
1. Synovitis (Arthritis) –	·3	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	4·2	9	2	5	1	1	–	–
ORDER 8.								
1. Phlegmon – – –	1·9	–	–	–	–	–	–	–
2. Ulcer – – – –	1·7	2	–	–	–	1	1	–
3. *Skin Disease, &c.* –	1·6	–	–	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	20·8	26	26	–	–	–	–	–
2. Cyanosis – – –	2·6	1	1	–	–	–	–	–
3. Spina Bifida – – –	1·7	3	3	–	–	–	–	–
4. Other Malformations –	1·6	1	1	–	–	–	–	–
5. Teething – – –	13·7	10	10	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – – –	4·9	5	–	–	2	3	–	–
ORDER 3.								
1. Old Age – – –	52·7	37	–	–	–	–	19	18
ORDER 4.								
1. Atrophy and Debility –	64·0	64	54	–	1	2	7	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	19·4	22	4	5	5	5	3	–
2. Wounds { Gunshot – }	·4	–	–	–	–	–	–	–
2. Wounds { Cut, Stab – }		2	–	–	–	2	–	–
3. Burns and Scalds – –	6·9	3	2	–	–	1	–	–
4. Poison – – – –	1·1	–	–	–	–	–	–	–
5. Drowning – – –	3·5	6	–	2	2	2	–	–
6. Suffocation – – –	8·7	5	5	–	–	–	–	–
7. Otherwise – – –	2·4	3	3	–	–	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	1·9	1	1	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot – }	·2	1	–	–	–	–	1	–
1. Wounds { Cut, Stab – }	·9	–	–	–	–	–	–	–
2. Poison – – – –	·8	–	–	–	–	–	–	–
3. Drowning – – –	1·0	–	–	–	–	–	–	–
4. Hanging – – – –	1·4	–	–	–	–	–	–	–
5. Otherwise – – –	·7	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	2	–	–	1	–	1	–
Sudden Deaths (Cause unascertained) – – –	1·9	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	13·4	5	4	–	1	–	–	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2218	1183	300	250	13	7	14	6	32	2	18	2	15	45	81
WEST DISTRICTS	561,189	300	189	54	45	2	1	1	3	1	1	2	–	1	5	7
NORTH DISTRICTS	751,668	509	279	76	55	6	1	3	1	6	–	7	–	5	8	18
CENTRAL DISTRICTS	333,887	203	126	23	27	–	–	2	–	3	–	2	–	–	10	14
EAST DISTRICTS	638,928	516	267	68	51	2	2	4	1	10	–	2	–	4	16	32
SOUTH DISTRICTS	966,132	690	322	79	72	3	3	4	1	12	1	5	2	5	6	10
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	47	16	7	3	–	–	–	–	–	–	–	–	–	–	1
St. John Paddington H	38082	21	12	2	3	–	–	–	1	–	–	–	–	–	–	–
Kensington Town *WL*	91583	55	25	9	3	1	–	–	–	–	1	–	–	–	1	1
Brompton H	28651	13	14	3	5	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	7	3	1	2	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	17	17	4	4	–	–	–	1	–	–	–	–	–	2	1
Fulham *WLLLL*	23378	16	13	5	1	1	–	–	1	–	–	–	–	–	–	1
Chelsea South HH	26419	11	12	5	4	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-west *HWw*	23278	17	9	4	–	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	6	4	3	1	–	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	7	4	2	2	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	1	2	–	–	–	–	–	–	–	–	1	–	–	–	–
Belgrave HH	58043	25	14	3	6	–	–	–	–	–	–	–	–	–	–	1
St. John Westminster HHH	38470	22	10	2	2	–	1	1	–	1	–	–	–	–	1	–
St. Margaret Westminster *WWHH*	27640	17	21	3	6	–	–	–	–	–	–	–	–	1	1	1
St. James's Square	10453	1	4	1	–	–	–	–	–	–	–	1	–	–	–	1
Golden Square *W*	12855	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	7	6	–	2	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	15	16	–	4	–	–	–	–	–	–	–	–	–	–	–
Cavendish Square	15419	8	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	23	17	2	5	–	–	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	10	11	5	5	–	–	–	–	–	–	1	–	–	1	1
Christchurch Marylebone	33892	23	9	–	3	–	–	1	–	–	–	–	–	1	1	1
St. John Marylebone	33110	22	8	3	2	–	–	–	–	–	–	–	–	–	–	1
Hampstead *WHHH*	32271	23	7	2	–	–	1	–	–	–	–	2	–	–	–	–
Regent's Park Pancras	38192	27	19	7	4	–	–	–	–	–	–	–	–	–	–	1
Tottenham-court *wH*	29360	15	14	2	2	–	–	–	–	–	–	–	–	–	–	–
Gray's Inn Lane H	29216	20	13	3	2	–	–	–	–	1	–	1	–	1	1	2
Somers Town	38562	28	8	4	–	–	–	–	–	–	–	–	–	–	–	–
Camden Town *W*	18066	16	6	2	2	–	–	–	–	–	–	–	–	–	–	–
Kentish Town *W*	68198	43	20	5	4	–	–	–	–	1	–	–	–	–	–	1
Islington West HHH	97801	78	33	8	4	–	–	1	1	1	–	1	–	1	2	3
Islington East *WwwH*	115948	74	44	15	7	–	–	1	–	2	–	1	–	1	2	4
Stoke Newington L	9810	6	5	3	1	–	–	–	–	1	–	–	–	1	–	1
Stamford Hill	6599	3	4	1	2	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	19	6	2	1	–	–	–	–	–	–	–	–	–	–	–
Hackney *Ww*HHL	50087	39	19	4	5	5	–	–	–	–	–	–	–	1	–	–
South Hackney L	30305	17	18	8	1	1	–	–	–	–	–	–	–	–	1	3
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	7	5	1	–	–	–	–	–	1	–	–	–	–	–	–
St. Giles South *WH*	19089	16	6	1	3	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	9	6	–	5	–	–	1	–	–	–	–	–	–	–	–
Long Acre	11326	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	1	6	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	3	2	–	–	–	–	–	–	–	–	–	–	–	1	1
St. Clement Danes H	10711	8	7	1	1	–	–	–	–	–	–	–	–	–	1	–
St. George-the-Martyr HHH	20521	15	6	2	1	–	–	–	–	1	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	5	7	1	3	–	–	–	–	–	–	–	–	–	–	–
Saffron Hill	9051	6	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	13	11	1	2	–	–	–	–	1	–	1	–	–	1	1
Amwell Clerkenwell	16878	12	7	1	–	–	–	–	–	–	–	–	–	–	–	1
Pentonville	13293	13	9	3	1	–	–	–	–	–	–	–	–	–	1	1
Goswell-street	16220	12	4	1	–	–	–	–	–	–	–	–	–	–	1	1
Old-street H	12156	10	2	1	–	–	–	1	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	17	5	2	1	–	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13799	9	4	–	1	–	–	–	–	–	–	–	–	–	–	1
Finsbury	10732	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	12	7	3	3	–	–	–	–	–	–	1	–	–	–	1
Cripplegate	13659	2	5	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	5	13	–	2	–	–	–	–	–	–	–	–	–	5	6
St. Bride *W*	11184	6	6	3	1	–	–	–	–	–	–	–	–	–	–	1
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 16th November 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	7	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
eonard Shoreditch HL†	16545	12	4	–	–	–	–	–	–	–	–	–	–	–	–	–	1
on New Town *w*	27832	24	7	2	3	–	–	1	–	–	–	–	–	–	–	1	1
on Old Town	26944	15	12	6	1	–	–	1	–	–	–	–	–	1	–	–	–
erstone West *W*	24153	18	15	2	4	–	–	–	–	–	–	–	–	–	–	–	7
erstone East	19257	14	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ney-road	29808	28	11	2	1	–	–	–	–	1	–	–	–	–	2	4	–
n, Bethnal Green *WHL†*	42443	38	19	5	5	1	–	–	–	–	–	–	–	1	–	–	4
ch, Bethnal Green	26574	20	9	3	3	–	–	–	–	–	–	–	–	–	–	2	–
, Bethnal Green	21375	17	10	3	2	–	–	–	–	1	–	–	–	–	2	2	–
lery Whitechapel	6651	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
lfields	15844	10	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–
End New Town *W*	15550	18	9	4	–	–	–	–	–	1	–	–	–	–	–	–	–
echapel North	11434	12	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
echapel Church H	7323	3	11	–	2	–	–	–	–	–	–	–	–	–	4	4	10
man's Fields	10381	7	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
ate	9149	6	5	3	2	–	–	–	–	–	–	–	–	1	–	–	–
Mary St. George East	17906	11	6	1	2	–	–	–	–	2	–	–	–	–	–	–	–
aul St. George East	21356	12	8	4	–	–	–	–	–	–	–	–	–	–	–	2	–
ohn St. George East *W*	8973	7	11	3	1	–	–	–	–	2	–	–	–	–	–	–	5
well	11623	5	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
liff H	15930	10	7	3	1	–	–	–	–	–	–	–	–	–	–	–	1
house *W*	30025	25	11	1	1	–	–	1	–	1	–	–	–	–	–	1	–
End Old Town West	38126	42	16	4	3	1	–	–	–	1	–	–	–	–	–	3	–
End Old Town East *WwH*	55020	43	14	5	3	–	–	–	–	–	–	1	–	1	–	1	1
*WwH*L†	67777	69	42	9	8	–	2	–	1	1	–	–	–	–	4	5	6
ar *WW*	48500	40	20	6	5	–	–	–	–	–	–	1	–	–	4	7	2
SOUTH DISTRICTS.																	
tchurch Southwark *W*	14547	16	7	2	2	–	1	–	–	–	–	–	–	–	–	–	3
aviour Southwark H	15667	11	6	2	–	–	–	–	–	–	–	–	–	–	–	1	–
-road	20430	17	4	2	2	–	–	–	–	–	–	–	–	–	–	–	–
ugh-road *WH*	16694	9	5	1	–	–	–	1	–	1	–	–	–	–	–	–	1
on-road L	18859	13	11	3	–	–	–	–	1	–	–	–	–	–	1	1	1
ty Newington	23673	21	5	1	2	–	–	–	–	–	–	–	–	–	–	–	–
eter Walworth *W*	48232	42	21	6	4	–	–	–	–	1	–	–	–	–	–	–	6
Mary Newington	16786	17	7	2	1	–	–	–	–	–	–	–	1	–	–	–	–
Olave Southwark H	4157	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ohn Horsleydown *W*	10595	7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
her Market	16785	11	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Mary Magdalen *W*	15707	17	9	1	3	–	–	–	–	1	–	–	1	–	–	–	3
ames Bermondsey	47921	47	14	3	4	–	1	–	–	1	–	1	–	–	–	–	–
erhithe *W*	25873	14	13	2	3	–	–	–	–	1	–	–	–	1	1	1	1
erloo-road 1st H	14086	9	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
erloo-road 2nd H	18453	22	4	3	1	–	–	–	–	–	–	–	–	1	–	–	–
beth Church 1st H	19470	16	12	2	2	–	–	–	–	–	–	–	–	1	1	1	8
beth Church 2nd *W*	35831	26	15	7	4	–	–	–	–	–	–	1	–	–	–	–	3
nington 1st *W*	41284	25	11	2	4	1	–	–	–	–	–	1	–	–	–	–	–
nington 2nd	31213	16	7	2	1	–	–	–	–	1	–	–	–	–	–	–	–
ton HL	35451	13	17	4	5	2	–	–	–	–	1	–	–	–	–	1	3
wood *W*	12534	8	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ham HL	27348	17	12	1	5	–	–	–	–	1	–	–	–	–	–	1	–
ersea *W*	53988	46	26	6	3	–	–	–	–	2	–	–	–	–	3	4	3
dsworth HL	19797	12	9	–	3	–	–	–	–	–	–	–	–	–	–	–	3
ey	9438	4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
atham	14479	6	5	–	3	–	–	–	–	–	–	–	–	–	–	–	–
vich	4041	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
berwell *WL†L†*	31251	20	10	4	4	–	–	–	–	1	–	–	–	1	–	–	4
ham *W*	42159	32	15	4	4	–	–	–	–	–	–	–	–	–	–	–	–
George Camberwell	33851	28	8	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Paul Deptford	53696	42	8	3	1	–	–	1	–	1	–	1	–	–	–	–	–
Nicholas Deptford	6487	4	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
nwich West	21098	10	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
nwich East *WH*	19320	13	5	–	1	–	–	–	–	–	–	–	–	–	–	–	4
am	4528	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
–	16430	9	5	1	2	–	1	–	–	–	–	–	–	–	–	–	–
isham Village *W*	11508	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nham	19016	12	7	3	–	–	–	1	–	1	–	–	–	1	–	–	–
lton H	9503	5	6	–	1	–	–	–	–	–	–	1	–	–	–	–	3
lwich Dockyard	17229	9	5	1	1	–	–	–	–	–	–	–	–	–	–	–	–
lwich Arsenal H	18319	7	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
nstead West	13028	16	6	4	1	–	–	–	–	–	–	–	–	–	–	–	–
nstead East *W*	15290	10	2	1	–	–	–	1	–	–	–	–	–	–	–	–	–

Following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th NOVEMBER, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure on square foot. Greatest.	Osler's. Pressure on square foot. Least.	Osler's. Pressure on square foot. Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	— °							lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY .	10	..	29·584	44·0	34·7	9·3	39·0	35·3	61·6	32·0	50·9	49·0	3·7	8·8	0·0	5·4	87	WSW, W, & WNW.	NNW.	16·7	0·0	0·9	422	0·24	..
MONDAY .	11	In Equator	29·737	43·9	34·7	9·2	38·9	34·2	55·3	28·3	49·9	47·6	4·7	8·1	4·1	5·2	83	NNW.	NNW.	4·0	0·1	1·4	468	0·06	..
TUESDAY .	12	..	29·849	46·7	35·5	11·2	39·3	36·8	80·1	27·3	48·6	46·2	2·5	7·6	0·0	4·5	91	N. & N. by E.	NNE.	3·8	0·0	0·6	405	0·05	..
WEDNESDAY	13	..	29·828	41·9	34·1	7·8	36·6	32·2	74·2	27·8	47·8	45·0	4·4	8·6	0·5	6·9	84	N. by E.	N. by E.	7·8	0·0	1·0	466	0·06	..
THURSDAY .	14	..	29·539	40·5	33·7	6·8	36·4	33·2	62·5	32·0	46·6	43·5	3·2	7·6	0·0	6·8	88	N. & NNE.	NNE. & NE.	7·0	0·0	1·8	550	0·21	..
FRIDAY .	15	Full	29·623	42·1	34·3	7·8	37·8	36·5	44·0	29·2	45·9	43·0	1·3	3·3	0·0	5·1	95	NE.	N. & NNE.	12·2	0·0	1·3	413	0·27	..
SATURDAY .	16	..	29·372	40·7	36·2	4·5	37·3	35·0	44·3	32·0	45·0	42·2	2·3	2·8	0·0	5·3	91	NE. & ENE.	N. SW. & S. by W.	1·0	0·0	0·1	194	0·01	..
MEANS . .		..	29·647	42·8	34·7	8·1	37·9	34·7	60·3	29·8	47·8	45·2	3·2	6·7	0·7	5·6	88	NNE.		..	..	..	Sum 2918	Sum 0·90	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
NOVEMBER.			
SUNDAY .	10	No electricity shown.	Heavy rain in early morning, and occasional showers in the afternoon. Cloudy. Wind strong at night.
MONDAY .	11	Weak positive in the afternoon.	Rain in early morning with continuous strong wind. Overcast till noon; somewhat cloudy till 9h. P.M.; then generally cloudless till midnight.
TUESDAY .	12	Occasional weak positive.	Nearly cloudless and very fine till 3h. A.M., and again from 7h. to 10h. P.M. Varying amounts of cloud at other times, with occasional thin rain.
WEDNESDAY	13	Positive, with weak tension.	Overcast generally till 4h. A.M., and again from 11h. A.M. onwards. Nearly cloudless between 5h. and 10h. A.M. Hoar frost. Strong gusty wind with rain at night, and occasional snow.
THURSDAY .	14	No electricity shown.	Generally overcast. Frequent heavy gusts of wind accompanied by rain, hail, and sleet in early morning and at night.
FRIDAY .	15		Overcast with but very slight exceptions throughout. Strong wind and frequent rain.
SATURDAY .	16	Strong positive at night.	Overcast throughout. Very foggy and gloomy in the morning, and a little thin rain fell occasionally.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer decreased from 29·73 in. at the beginning of the week to 29·53 in. by 9h. A.M. on the 10th; increased to 29·91 in. by 9h. P.M. on the 12th; decreased to 29·53 in. by noon on the 14th; increased to 29·77 in. by 9h. A.M. on the 15th; decreased to

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 47. 1872. Vol. XXXIII.] Week ending Saturday, November 23. [Price 1*d.*

General Register Office, Somerset House,
25th November 1872.

United Kingdom.

During the week ending Saturday last, 5424 *births* and 3382 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 24 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 25 per 1000 persons living in Edinburgh, 30 in Glasgow, and 23 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 20, Portsmouth 16, Norwich 30, Bristol 18, Wolverhampton 31, Birmingham 27, Leicester 28, Nottingham 21, Liverpool 29, Manchester 29, Salford 27, Oldham 34, Bradford 21, Leeds 31, Sheffield 26, Hull 33, Sunderland 23, and Newcastle-upon-Tyne 26. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 112 and 96, rose again last week to 105; the deaths from this disease were equal to an annual rate of 15 per 1000 in Oldham, 3 in Wolverhampton, Birmingham, and Leeds, and 2 in Newcastle-upon-Tyne and Manchester. Between the 3rd of August and last Saturday night, no less than 381 deaths from scarlet fever were registered within the borough of Oldham.

London.

In London 2277 births and 1277 deaths were registered. After making due allowance for increase of population, the births exceeded by 9, while the deaths were no less than 455 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which had been equal to but 19 per 1000 in each of the two previous weeks, rose last week to 20. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 20 in the North, 19 in the Central, 22 in the East, and 21 in the South groups of Districts.

During the past eight weeks of the current quarter the London death-rate has averaged but 20 per 1000, against 23 in the corresponding period of last year, when small-pox and other forms of zymotic disease were much more fatally prevalent.

The 1277 deaths included 13 from small-pox, 11 from measles, 23 from scarlet fever, 5 from diphtheria, 26 from whooping-cough, 19 from different forms of fever (of which one was certified as typhus, 14 as enteric or typhoid, and 4 as simple continued fever), and 14 from diarrhœa; thus to the seven principal diseases of the zymotic class 111 deaths were referred, against numbers declining steadily from 160 to 109 in the five preceding weeks. The deaths from these seven diseases were in the aggregate no less than 201 below the corrected average number in the corresponding week of the last ten years. The fatal cases of scarlet fever showed a slight increase upon those returned in recent weeks, and included 3 in Poplar, 3 in Sydenham, and 4 in Limehouse. Five deaths from scarlet fever and one from rheumatic fever have recently occurred in the family of an engineer living in Church Row, Limehouse. The deaths referred to typhus, enteric, and simple continued fevers during the past eight weeks have been but 207, against 321 in the corresponding period of last year.

The 13 deaths from small-pox corresponded with the number in the previous week, and included 7 which were recorded in the small-pox hospitals at Homerton and Stockwell; 6 fatal cases were returned as unvaccinated, 2 as vaccinated, and 5 as "not stated."

The mean temperature during the ten days ending on Tuesday 19th instant was continuously low, and averaged but 37°·8 or 5°·3 below the average for the corresponding period in 50 years. A warm period set in on Wednesday, and the

mean temperature of the last four days of the week averaged 48°·6, showing an excess of 7°·3; on Saturday the mean was so high as 52°·5. Rain was measured on six days last week, to the aggregate amount of ·70 of an inch; the fall during the first 23 days of November was 2·16 inches.

Diseases of the respiratory organs and phthisis caused 432 deaths, against numbers declining from 513 to 393 in the four preceding weeks; the corrected average number of deaths from the same causes in the corresponding week of the last ten years was 625. The recent ten days of low temperature appear to have unfavourably influenced the number of deaths referred to bronchitis, phthisis, and heart diseases.

To different forms of violence 34 deaths were referred; 30 were the result of negligence or accident, including 8 from fractures and contusions, 4 from burns and scalds, and 12 (all of infants under one year of age) from suffocation. Two cases of manslaughter, and one each of suicide and infanticide, were registered.

Two of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 57 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 25th instant; of these, 53 occurred in the Metropolitan and 4 in the City Police Districts.

In the large Public Institutions 239 deaths were recorded, or 19 per cent. of the total deaths; of these, 120 occurred in Workhouses and 115 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending October 22nd were 320, including 124 from remittent fever, and the annual death-rate was equal to 26 per 1000. In Calcutta 218 deaths were returned in the week ending 28th September. In Madras the 299 deaths in the week ending 18th ultimo showed an annual death-rate equal to 39 per 1000.

Foreign Cities.

In Paris 705 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 20 per 1000 of the estimated population. In Brussels 62 deaths occurred in the week ending the 16th instant, and the annual death-rate was 17 per 1000. In Berlin during the week ending Thursday, 15th instant, 394 deaths were recorded, showing an annual rate of 25 per 1000. In Vienna the 363 deaths in the week ending 16th instant gave an annual rate of 30 per 1000. In Rome 167 deaths were registered in the week ending the 10th, and the annual death-rate was 36 per 1000.

Dr. Zuelzer reports from Berlin that cholera has broken out in East Prussia, and that 50 fatal cases have occurred in Thorn and Insterburg.

In the City of New York 478 deaths were registered in the week ending November 2nd, and the equivalent annual rate of mortality was 26 per 1000. In Philadelphia 236 deaths were returned during the same week, equal to a death-rate of 18 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·33 in.; the highest reading was 29·58 in. on Thursday at noon, and the lowest 29·01 in. on Saturday morning. The mean temperature of the *air* was 43°·9, or 2°·3 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on each of the first three days of the week, while a large excess was shown on each of the last four; on Sunday 17th the mean was only 36°·0 and 6°·3 below the average, while on Saturday it had increased to 52°·5, and was in excess by 11°·4. The highest day temperature in the shade was 57°·0 on Saturday, and the lowest night temperature 32°·3 on Monday; the extreme range in the week was, therefore, 24°·7. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 74°·4 on Thursday. The difference between the mean *dew-point* and *air* temperature averaged 2°·9. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 42°·0. The mean degree of *humidity* of the air was 90, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 15 miles per hour. *Rain* fell on each day of the week except Thursday; the amount measured was ·70 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 40°·1 in Hull, to 43°·8 in Portsmouth; the lowest recorded night temperature was 27°·0 in Hull, and the highest day temperature in the shade 57°·6 in Birmingham. Rain was measured in each of the towns; the amounts varied from ·59 of an inch in Liverpool and Oldham, to 1·68 inches in Birmingham.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 336,646 cubic metres, and at Barking 325,744 cubic metres, equivalent to about as many tons by weight.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-SEVENTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total **Births**	1885	1970	1944	1926	2135	2260	2158	2080	2138	2119	2061·5	2277
Males . .	1000	999	1004	957	1101	1168	1083	1063	1081	1083	1053·9	1121
Females . .	885	971	940	969	1034	1092	1075	1017	1057	1036	1007·6	1156
Total **Deaths**	1559	1475	1677	1471	1435	1426	1507	1676	1652	1863	1574·1	1277
Males . .	811	756	825	738	716	699	748	852	860	917	792·2	647
Females . .	748	719	852	733	719	727	759	824	792	946	781·9	630

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862–71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—COMPARATIVE TABLE of DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.
Total **Deaths** - - -	1236	1236	1203	1106	1279	1276	1218	1369	1381	1306	1181	1183	1277
Deaths under 5 years of age -	569	573	531	484	557	541	512	579	548	508	463	468	484
Deaths 5—20 - - -	85	82	82	82	85	84	81	98	70	84	81	76	88
Deaths 20—40 - - -	197	175	160	151	190	197	199	206	213	187	161	167	188
Deaths 40—60 - - -	187	187	198	177	202	202	194	232	251	240	219	222	237
Deaths 60—80 - - -	163	180	197	174	213	212	181	203	240	255	212	211	228
Deaths at 80 years & upwards	35	39	35	38	32	40	51	51	59	32	45	39	52
Deaths from Smallpox - -	8	6	12	5	9	10	7	17	6	14	15	13	13
„ „ Measles - -	15	17	9	10	12	9	7	15	4	12	11	7	11
„ „ Scarlet Fever -	13	10	22	12	17	20	21	17	22	21	14	14	23
„ „ Diphtheria -	3	5	2	5	5	5	5	12	9	2	3	6	5
„ „ Whooping-cough	34	32	26	31	38	31	34	37	31	28	25	32	26
„ „ Typhus fever -	2	5	3	3	4	6	4	3	3	4	2	2	1
„ „ Enteric (or Typhoid) fever -	20	8	18	21	17	19	16	19	19	14	19	18	14
„ „ Simple Cont^{d} fever	8	3	8	6	5	4	11	4	6	6	7	2	4
„ „ Diarrhœa - -	156	134	119	95	92	50	45	36	32	18	19	15	14
„ „ Simple Cholera -	13	7	2	7	2	—	—	3	—	—	—	—	—
„ „ Phthisis - -	173	145	133	126	173	152	150	163	167	155	142	131	149
„ „ Bronchitis - -	72	85	89	94	106	134	143	190	204	182	168	149	177
„ „ Pneumonia -	35	53	43	56	76	81	78	80	104	91	93	81	71
„ „ Heart Disease -	44	51	58	55	57	67	75	66	66	77	65	55	81
Mean Temperature of the Air	° 60·1	° 64·5	° 62·7	° 54·3	° 49·0	° 52·4	° 47·3	° 44·4	° 47·4	° 49·7	° 50·3	° 37·9	° 43·9
Mean Temperature of the Water of the Thames -	65·0	64·0	64·6	63·4	56·0	54·5	53·2	49·7	49·0	49·1	49·5	46·5	42·0
Humidity of the Air - -	77	75	82	78	81	86	85	92	92	90	87	88	90
Rain-fall in inches - -	0·47	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 23d day of November 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 23d Nov. 1872.	DEATHS registered during the Week ending 23d Nov. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F. In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5124	3382	57·6	27·0	41·5	5·28	1·00
LONDON	78,080	3,311,298	42·4	2277	1277	57·0	32·3	43·9	6·61	0·70
PORTSMOUTH	9,513	115,455	12·1	76	36	56·2	27·4	43·8	6·55	1·40
NORWICH	7,472	81,105	10·9	51	46	54·5	31·0	40·4	4·66	0·89
BRISTOL	4,688	186,428	39·8	125	66	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	55	41	53·3	31·4	41·6	5·33	0·98
BIRMINGHAM	7,831	350,164	44·7	290	181	57·6	34·4	42·6	5·89	1·63
LEICESTER	3,200	99,143	31·0	81	54	56·0	31·5	41·4	5·22	1·05
NOTTINGHAM	1,996	88,225	44·2	67	35	53·3	28·3	40·3	4·61	1·06
LIVERPOOL	5,108	499,897	97·9	370	276	55·0	34·9	42·7	5·95	0·59
MANCHESTER	4,486	352,759	78·6	258	197	55·0	31·0	41·4	5·22	0·64
SALFORD	5,172	127,923	24·7	102	66	55·5	30·0	41·0	5·00	0·62
OLDHAM	4,167	84,004	20·2	54	55	52·0	—	—	—	0·59
BRADFORD	6,590	151,720	23·0	125	62	54·6	31·6	42·3	5·73	0·80
LEEDS	21,372	266,564	12·4	283	156	52·0	31·0	41·1	5·06	0·69
SHEFFIELD	22,830	247,847	10·9	210	125	55·0	28·0	41·7	5·39	0·79
HULL	3,562	124,976	35·1	98	80	55·0	27·0	40·1	4·50	1·04
SUNDERLAND	3,306	100,635	30·4	137	45	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	73	66	52·0	35·0	40·8	4·83	1·60
EDINBURGH	4,427	205,146	46·3	142	98	46·0	31·7	38·4	3·55	1·30
GLASGOW	5,063	489,136	94·8	393	281	49·5	23·9	40·6	4·77	1·26
DUBLIN	9,745	310,565	31·9	157	139	56·8	28·8	43·2	6·22	1·34

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prev between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* a Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 23d day of November 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	23	2864	717	575	34	39	105	13	62	78	38	105	182
LONDON	20	1277	318	280	13	11	23	5	26	19	14	34	82
PORTSMOUTH	16	36	8	8	3	–	–	1	1	–	–	2	2
NORWICH	30	46	8	17	–	5	1	–	3	2	–	2	5
BRISTOL	18	66	17	14	1	–	–	–	1	2	2	2	3
WOLVERHAMPTON	31	41	9	7	–	1	4	–	–	2	–	3	4
BIRMINGHAM	27	181	39	30	4	1	17	4	3	6	4	15	22
LEICESTER	28	54	18	8	1	–	–	–	4	–	–	1	2
NOTTINGHAM	21	35	7	8	–	–	–	–	–	2	1	–	–
LIVERPOOL	29	276	77	58	1	9	1	1	4	11	–	12	19
MANCHESTER	29	197	43	31	2	8	11	–	4	6	6	4	6
SALFORD	27	66	12	12	–	–	1	–	–	–	2	5	7
OLDHAM	34	55	10	4	–	–	24	–	–	1	2	1	2
BRADFORD	21	62	20	8	3	–	1	–	1	3	3	–	–
LEEDS	31	156	53	29	3	2	13	1	3	8	2	2	3
SHEFFIELD	26	125	27	35	2	1	3	–	6	10	–	5	6
HULL	33	80	21	18	1	1	–	–	1	3	2	6	7
SUNDERLAND	23	45	14	8	–	–	–	1	4	1	–	3	4
NEWCASTLE-ON-TYNE	26	66	16	10	–	–	6	–	1	2	–	8	8
DUBLIN	23	139	15	48	1	1	2	–	3	8	3	5	4

TABLE 5.—DEATHS Registered in LONDON in the FORTY-SEVENTH Week of the 10 years 1872.

USES OF DEATH.	Average in the Forty-seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 23, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem	0–5.	5–20.				
Mean Temperature –	42·1	43·9						
L CAUSES – –	1574·1	1277	484	88	188	237	228	52
ECIFIED CAUSES	1565·0	1267	477	87	188	236	227	52
MOTIC DISEASES.								
ORDER 1.								
all-pox – – –	20·7	13	3	7	2	1	–	–
asles – – –	41·2	11	11	–	–	–	–	–
arlet Fever (Scarlatina)	93·7	23	15	7	1	–	–	–
phtheria – – –	9·8	5	2	3	–	–	–	–
insy – – – –	1·0	–	–	–	–	–	–	–
oup – – – –	15·1	19	16	3	–	–	–	–
hooping-cough – –	41·5	26	26	–	–	–	–	–
phus – – – }		1	–	1	–	–	–	–
tericor Typhoid Fever }	58·5	14	–	11	3	–	–	–
nple continued Fever – }		4	–	1	1	–	1	1
ysipelas – – –	9·0	5	2	–	1	2	–	–
erperal Fever (Metria)	4·3	6	–	–	6	–	–	–
rbuncle – – –	·6	–	–	–	–	–	–	–
fluenza – – –	1·1	–	–	–	–	–	–	–
senteryy – – –	1·7	1	–	–	–	1	–	–
arrhœa – – –	18·0	14	11	1	–	–	2	
nple Cholera – –	·9	–	–	–	–	–	–	–
ue – – – –	·3	–	–	–	–	–	–	–
mittent Fever – –	·8	1	–	–	1	–	–	–
eumatism – –	10·8	10	–	2	4	1	2	1
her *Zymotic* Diseases –	·1	–	–	–	–	–	–	–
ORDER 2.								
philis – – –	8·3	10	7	–	2	1	–	–
ricture of Urethra –	1·3	1	–	–	–	1	–	–
drophobia – –	—	–	–	–	–	–	–	–
anders – – –	—	–	–	–	–	–	–	–
ORDER 3.								
ivation – – –	·5	1	–	–	–	–	1	–
ant of Breast milk	7·5	3	3	–	–	–	–	–
rpura and Scurvy	1·8	5	1	–	–	3	1	–
co- } *a* Del. Tremens	2·6	1	–	–	–	1	–	–
sm } *b* Intemperance	1·4	–	–	–	–	–	–	–
ORDER 4.								
rush – – –	2·4	2	2	–	–	–	–	–
orms, &c. – – –	·2	–	–	–	–	–	–	–
NSTITUTIONAL DIS.								
ORDER 1.								
out – – – –	1·6	3	–	–	–	2	1	–
ropsy – – –	14·1	12	2	2	–	1	6	1
ncer – – –	23·1	38	–	1	4	22	9	2
norum Oris (Noma) –	·6	1	1	–	–	–	–	–
ortification – –	3·2	2	–	–	–	–	1	1
ORDER 2.								
rofula – – –	9·2	6	5	1	–	–	–	–
bes Mesenterica –	17·8	20	19	1	–	–	–	–
thisis – – –	174·8	149	4	10	83	47	5	–
ydrocephalus – –	25·7	31	26	5	–	–	–	–
LOCAL DISEASES.								
ORDER 1.								
phalitis – – –	10·4	15	8	4	1	1	1	–
poulexy – – –	40·2	41	1	3	2	18	16	1
aralysis – – –	29·4	25	–	–	–	10	14	1
sanity – – –	2·1	1	–	–	–	1	–	–
horea – – – –	·3	–	–	–	–	–	–	–
pilepsy – – –	5·9	8	–	–	1	3	4	–
onvulsions – –	55·3	39	37	2	–	–	–	–
rain Disease, &c. –	15·5	19	1	1	5	6	5	1
ORDER 2.								
ericarditis – –	2·3	5	–	2	1	1	1	–
neurism – – –	2·5	1	–	–	–	1	–	–
leart Disease, &c. –	74·0	81	1	7	14	24	31	4
ORDER 3.								
aryngitis – –	5·8	4	3	–	–	1	–	–
ronchitis – –	228·4	177	88	–	9	24	49	7
leurisy – – –	3·4	7	–	–	2	1	4	–
neumonia – – –	120·5	71	42	1	9	13	6	–
sthma – – –	17·0	7	–	–	3	2	2	–
ung Disease, &c. –	20·2	17	7	–	3	5	1	1
ORDER 4.								
astritis – – –	2·1	4	–	1	1	1	1	–
uteritis – – –	5·2	4	2	–	–	–	2	–
eritonitis – –	4·1	5	–	1	2	1	1	–
cites – – –	3·9	4	1	–	–	2	1	–
ceration of Intestines	2·9	–	–	–	–	–	–	–
ernia – – – –	3·6	4	1	–	–	2	1	–
e s – – – –	4·2	4	1	–	1	–	2	–
ntussusception – –	1·4	1	1	–	–	–	–	–

CAUSES OF DEATH.	Average in the Forty-seventh Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 23, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	42·1	43·9						
9. Stricture of Intestines –	·9	–	–	–	–	–	–	–
10. Fistula – – –	·3	–	–	–	–	–	–	–
11. *Stomach Disease, &c.* –	5·5	8	–	1	1	1	4	1
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – – –	2·8	2	–	–	–	1	1	–
14. Jaundice – – –	4·1	1	–	–	1	–	–	–
15. *Liver Disease, &c.* –	16·2	20	1	–	3	12	4	–
16. *Spleen Disease, &c.* –	·2	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·9	1	–	–	–	1	–	–
2. Ischuria – – –	·3	1	–	–	–	1	–	–
3. Bright's Disease (Nephria)	11·2	11	–	2	3	2	4	–
4. Diabetes – – –	2·2	–	–	–	–	–	–	–
5. Calculus (Stone) – –	1·4	–	–	–	–	–	–	–
6. Cystitis – – –	1·5	2	–	–	–	–	1	1
7. *Kidney Disease, &c.* –	8·4	13	2	–	3	4	3	1
ORDER 6.								
1. Ovarian Dropsy –	·8	–	–	–	–	–	–	–
2. *Uterus Disease, &c.* –	3·3	9	–	–	1	5	3	–
ORDER 7.								
1. Synovitis (Arthritis) –	·1	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	5·3	9	–	2	3	3	1	–
ORDER 8.								
1. Phlegmon – – –	2·2	2	–	–	2	–	–	–
2. Ulcer – – –	1·2	4	1	–	–	1	2	–
3. *Skin Disease, &c.* –	1·6	1	–	–	–	1	–	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	20·6	27	27	–	–	–	–	–
2. Cyanosis – – –	2·3	2	2	–	–	–	–	–
3. Spina Bifida – –	1·0	1	1	–	–	–	–	–
4. Other Malformations	1·5	2	2	–	–	–	–	–
5. Teething – – –	12·3	7	7	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	—	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	5·5	5	–	–	4	1	–	–
ORDER 3.								
1. Old Age – – – –	55·1	45	–	–	–	–	21	24
ORDER 4.								
1. Atrophy and Debility –	56·7	78	70	–	–	1	7	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT or NEGLIGENCE.)								
1. Fractures and Contusions	17·9	8	–	1	1	1	4	1
2. Wounds { Gunshot / Cut, Stab }	·6	–	–	–	–	–	–	–
3. Burns and Scalds – –	8·5	4	1	2	–	–	1	–
4. Poison – – –	·8	–	–	–	–	–	–	–
5. Drowning – – –	3·5	1	–	–	1	–	–	–
6. Suffocation – –	10·6	12	12	–	–	–	–	–
7. Otherwise – – –	1·9	5	–	–	1	2	1	1
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·7	3	1	1	1	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot / Cut, Stab }	·1 / ·5	–	–	–	–	–	–	–
2. Poison – – – –	1·6	1	–	–	1	–	–	–
3 Drowning – – –	·7	–	–	–	–	–	–	–
4. Hanging – – –	1·4	–	–	–	–	–	–	–
5. Otherwise – – –	·4	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging – – –	·1	–	–	–	–	–	–	–
Violent Deaths (not classed)	·5	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained) – – –	1·7	2	–	–	–	1	1	–
Causes not specified or ill-defined – – – –	7·4	8	7	1	–	–	–	–

OTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2277	1277	318	280	13	11	23	5	26	1	14	4	14	34	82
WEST DISTRICTS	561,189	355	211	51	52	–	2	–	1	3	1	2	1	2	11	20
NORTH DISTRICTS	751,668	488	287	79	74	4	1	2	–	8	–	3	–	3	3	19
CENTRAL DISTRICTS	333,887	183	126	23	20	1	–	1	–	1	–	2	1	2	5	7
EAST DISTRICTS	638,928	518	269	61	50	2	3	9	2	4	–	4	2	1	7	22
SOUTH DISTRICTS	966,132	733	384	104	84	6	5	11	2	10	–	3	–	6	8	14
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	41	21	8	6	–	–	–	–	1	–	–	–	–	–	–
St. John Paddington H	38082	15	11	2	4	–	–	–	–	–	–	–	–	–	–	–
Kensington Town *WL*	91583	72	33	10	9	–	–	–	–	1	–	–	1	–	1	–
Brompton H	28651	13	8	2	1	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	1	3	1	–	–	–	–	–	1	–	–	–	–	–	–
St. Paul Hammersmith H	36030	28	12	3	6	–	–	–	–	–	–	–	–	–	–	1
Fulham *WLLLL*	23378	22	10	1	2	–	–	–	–	–	–	–	–	–	–	1
Chelsea South HH	26419	16	7	–	2	–	–	–	–	–	–	–	–	–	1	1
Chelsea North-west H*Ww*	23278	17	24	2	7	–	–	–	–	–	–	–	–	–	1	3
Chelsea North-east L	21389	10	8	5	–	–	–	–	–	–	–	–	–	–	1	2
Hanover Square	18700	4	5	–	1	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	43	16	3	4	–	–	–	–	–	–	–	–	–	2	2
St. John Westminster HHH	38470	30	19	8	2	–	2	–	–	–	–	1	–	2	2	2
St. Margaret Westminster *WW*1H	27640	14	18	3	5	–	–	–	–	–	1	–	–	2	2	3
St. James's Square	10453	2	2	1	–	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	6	7	–	2	–	–	–	–	–	–	1	–	–	–	–
Berwick-street	10279	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	13	6	1	1	–	–	–	1	–	–	–	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	19	10	1	5	–	–	–	–	1	–	–	–	–	–	–
Cavendish Square	15419	5	5	–	2	–	–	–	–	–	–	–	–	1	–	1
Rectory Marylebone *WH*	26387	20	20	4	9	–	1	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	23	5	2	1	1	–	–	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	19	13	5	–	–	1	–	–	1	–	–	–	–	–	1
St. John Marylebone	33110	14	7	2	2	–	–	–	–	–	–	–	–	–	–	1
Hampstead *W*HHH	32271	23	8	2	1	–	–	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	22	15	4	6	–	–	–	–	1	–	–	–	–	–	1
Tottenham-court *w*H	29360	21	15	6	5	–	–	–	–	–	–	–	–	1	–	–
Gray's Inn Lane H	29216	8	13	3	3	–	–	–	–	–	–	–	–	–	–	–
Somers Town	38562	23	12	4	4	–	–	–	–	1	–	–	–	–	–	2
Camden Town *W*	18066	8	16	3	6	–	–	–	–	–	–	–	–	–	1	4
Kentish Town *W*	68198	49	29	4	6	–	–	–	–	1	–	–	–	–	–	2
Islington West HHH	97801	71	23	9	3	–	–	1	–	1	–	1	–	–	–	4
Islington East *Www*H	115948	89	41	18	9	–	–	–	–	1	–	–	–	–	1	1
Stoke Newington L	9810	9	4	1	3	–	–	–	–	–	–	–	–	1	–	–
Stamford Hill	6599	1	2	–	–	–	–	–	–	1	–	–	–	–	–	–
West Hackney	28076	15	10	2	3	–	–	–	–	–	–	–	–	–	–	1
Hackney *Ww*HHL	50087	29	29	6	4	3	–	–	–	–	–	2	–	–	1	1
South Hackney L	30305	20	10	3	2	–	–	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	7	7	2	1	–	–	–	–	–	–	1	–	1	–	–
St. Giles South *WH*	19089	8	7	2	2	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	6	6	2	–	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	8	4	–	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	3	4	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	–	3	1	1	–	–	–	–	1	–	–	–	–	–	1
St. Clement Danes H	10711	4	15	3	1	–	–	–	–	–	–	–	–	–	3	1
St.George-the-Martyr HHH	20521	15	5	1	1	–	–	–	–	–	–	–	–	1	–	–
St. Andrew Eastern *W*	13528	4	11	2	1	–	–	–	–	–	–	–	–	–	1	1
Saffron Hill	9051	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	21	9	2	–	–	–	–	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	8	5	1	3	–	–	–	–	–	–	–	–	–	–	1
Pentonville	13293	10	2	–	1	–	1	–	–	–	–	–	–	–	–	–
Goswell-street	16220	14	7	1	1	–	–	–	–	–	–	–	–	–	–	–
Old-street H	12156	4	1	1	–	–	–	–	–	–	–	–	–	–	–	–
City-road *WH*HL	18291	14	4	–	1	1	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	8	4	1	1	–	–	–	–	–	–	–	–	1	1	1
Finsbury	10732	7	3	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph HH	14484	12	4	1	–	–	–	–	–	–	–	–	–	–	–	1
Cripplegate	13639	9	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	7	11	1	1	–	–	–	–	–	–	1	–	–	–	–
St. Bride *W*	11184	3	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	–	3	–	–	–	–	–	–	–	–	–	–	–	–	1
Broad Street	7838	4	2	1	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 23d November 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	6	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
onard Shoreditch HL†	16545	8	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
on New Town *w*	27832	21	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-
on Old Town	26944	28	9	3	2	-	-	-	-	-	-	1	-	1	-	-	-
erstone West *W*	24153	26	15	4	3	-	-	1	-	-	-	-	-	-	1	-	4
erstone East	19257	21	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ney-road	29808	19	8	3	-	-	-	-	-	1	-	-	-	-	1	3	-
n, Bethnal Green *WHL†*	42443	36	23	2	5	-	1	-	-	2	-	1	-	-	-	3	7
ch, Bethnal Green	26574	26	11	6	-	-	-	-	-	-	-	-	-	-	-	3	-
n, Bethnal Green	21375	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lery Whitechapel	6651	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
lfields	15844	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W*	15550	11	13	3	4	-	-	-	-	-	-	-	-	-	-	1	5
echapel North	11434	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
echapel Church H	7323	8	12	1	1	-	-	-	-	-	-	1	-	-	1	2	9
man's Fields	10381	9	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-
ate	9149	6	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Mary St. George East	17906	13	3	2	1	-	-	-	-	-	-	-	1	-	-	1	-
aul St. George East	21356	16	13	4	4	-	1	-	-	-	-	-	1	-	-	-	-
ohn St. George East *W*	8973	8	8	1	1	-	-	-	-	1	-	-	-	-	-	-	4
well	11623	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
liff H	15930	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
house *W*	30025	23	15	2	2	-	-	4	-	-	-	-	-	-	1	1	-
End Old Town West	38126	37	15	2	3	-	-	1	1	-	-	-	-	-	-	1	-
End Old Town East *WwH*	55020	51	24	3	5	1	-	-	1	-	-	-	-	-	1	2	2
WwHL†	67777	50	35	9	12	-	1	-	-	-	-	-	-	-	2	3	16
ar *WW*	48500	34	15	2	2	1	-	3	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
stchurch Southwark *W*	14547	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1
aviour Southwark H	15687	6	4	-	2	-	-	-	-	-	-	-	-	-	-	-	2
t-road	20430	10	10	2	3	1	-	1	-	-	-	-	-	-	-	1	-
ough-road *WH*	16694	13	7	1	1	-	-	2	-	1	-	-	-	-	-	-	1
lon-road L	18959	18	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ity Newington	23673	15	9	4	1	-	-	1	-	-	-	1	-	-	-	-	-
Peter Walworth *W*	48232	20	15	4	7	-	-	-	-	-	-	-	-	-	-	-	-
Mary Newington	16786	8	7	5	-	-	-	-	-	1	-	-	-	1	-	-	-
Olave Southwark H	4157	3	21	1	4	-	-	-	-	-	-	-	-	-	2	2	19
John Horsleydown *W*	10595	7	8	2	3	-	-	-	-	-	-	-	-	-	-	-	3
ther Market	16785	16	5	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Mary Magdalen *W*	15707	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
James Bermondsey	47921	38	22	3	6	-	-	1	-	1	-	-	-	-	-	-	-
herhithe *W*	25873	23	10	6	-	-	-	-	-	1	-	-	-	-	-	1	-
erloo-road 1st H	14086	17	7	1	2	-	-	-	-	-	-	-	-	-	-	1	1
erloo-road 2nd H	18453	19	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
beth Church 1st H	19470	18	17	3	-	-	-	1	-	-	-	-	-	-	3	3	6
beth Church 2nd *W*	35831	38	15	5	6	-	-	-	-	-	-	-	-	-	-	-	6
nington 1st *W*	41284	27	11	2	5	-	-	-	-	-	-	-	-	2	-	-	-
nington 2nd	31213	21	10	5	4	-	-	-	-	1	-	-	-	-	1	1	-
xton HL	35431	19	18	3	3	5	1	-	1	-	-	-	-	-	2	3	5
rwood *W*	12534	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ham HL	27348	23	11	1	4	-	-	-	-	-	-	-	-	-	-	-	-
ersea *W*	53988	54	18	7	6	-	1	-	-	-	-	-	-	-	-	1	3
dsworth HL	19797	13	7	4	1	-	-	-	-	-	-	-	-	-	-	1	-
ney	9438	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
atham	14479	5	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
wich	4041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL†L†*	31251	31	17	2	1	-	-	-	-	1	-	1	-	-	-	-	3
kham *W*	42159	31	14	8	3	-	-	-	-	-	-	-	-	-	-	-	-
George Camberwell	33851	27	13	4	4	-	1	-	-	-	-	1	-	-	-	-	-
Paul Deptford	53696	45	17	5	3	-	-	-	1	1	-	-	-	-	-	-	-
Nicholas Deptford	6487	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
enwich West	21098	16	11	4	2	-	1	-	-	-	-	-	-	-	-	-	-
enwich East *WH*	19320	21	7	2	2	-	-	-	-	-	-	-	-	1	-	-	4
ham	4528	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
visham Village *W*	16430	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
enham	11508	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
rlton H	19016	9	11	1	2	-	-	3	-	2	-	-	-	-	-	-	-
olwich Dockyard	9503	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H	17229	17	3	1	-	-	-	1	-	-	-	-	-	1	-	-	-
mstead, West	18319	16	7	1	1	-	-	-	-	-	-	-	-	-	-	-	1
mstead, East *W*	13028	16	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-
	15290	18	5	2	-	-	1	-	-	-	-	-	-	1	-	-	-

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand - - „ „ Tottenham-court sub-district.
London City - - „ „ Islington East.
Holborn Infirmary - „ „
London City - - „ „ Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City „ „ { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - „ „ Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23d NOVEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest	Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Difference between Dew Point Temperature and Air Temperature. Greatest.	Difference between Dew Point Temperature and Air Temperature. Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	Wind. As deduced from Anemometers. Osler's. General Direction. P.M.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	Wind. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	Wind. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	17	..	29·508	40·9	32·9	8·0	36·0	34·9	53·0	29·1	44·4	41·0	1·1	4·4	0·0	— 6·3	96	S. W. & WSW.	WSW.	0·5	0·0	0·0	165	0·03	..
MONDAY . .	18	Greatest Dec. N.	29·250	41·0	32·3	8·7	36·8	36·8	55·5	26·8	43·8	40·0	0·0	2·3	0·0	— 5·2	100	WSW.	SE. & NE.	1·7	0·0	0·1	244	0·36	..
TUESDAY .	19	..	29·249	45·8	36·0	9·8	39·9	38·1	52·8	33·7	43·3	40·0	1·8	4·0	0·0	— 1·9	93	N. & WSW.	SSW. & SSE.	2·5	0·0	0·1	209	0·08	..
WEDNESDAY	20	..	29·348	51·9	43·8	8·1	47·1	42·5	70·0	36·5	43·1	40·3	4·6	7·0	2·2	+ 5·5	84	WSW & SW.	SW. & SSW.	2·8	0·0	0·7	407	0·05	..
THURSDAY .	21	Apogee	29·563	54·7	42·6	12·1	48·1	44·0	74·4	36·0	42·9	40·5	4·1	10·8	1·5	+ 6·7	86	SSW.	SSW. & S.	3·1	0·0	0·4	357	0·00	..
FRIDAY . .	22	..	29·344	54·8	42·0	12·8	46·8	44·9	72·6	35·8	42·9	40·3	1·9	7·2	0·0	+ 5·6	93	S. & SSW.	SW. & SSW.	4·0	0·0	0·4	337	0·07	..
SATURDAY .	23	Last Qr.	29·030	57·0	48·0	9·0	52·5	45·4	65·7	39·2	43·6	41·3	7·1	9·5	6·4	+11·4	77	SSW. & SW.	SW.	17·8	0·2	3·5	748	0·11	..
MEANS . .		..	29·327	49·4	39·7	9·8	43·9	40·9	63·9	33·9	43·4	40·5	2·9	6·5	1·4	+ 2·3	90	SW.		..	..	..	Sum 2467	Sum 0·70	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. NOVEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	17	Strong positive throughout.	Generally overcast. Fog prevalent in the morning. Thin rain fell occasionally.
MONDAY .	18	Positive with strong tension at noon.	Fine in early morning with varying amounts of cloud. Overcast after mid-day, and rain fell continuously after 1h. P.M.
TUESDAY .	19	No electricity shown.	Cloudy throughout. Occasional rain.
WEDNESDAY	20	Frequent and rapid changes from positive to negative, with strong tension, sparks and galvanic currents in the afternoon.	A very fine and almost cloudless morning and evening. The sky became cloudy in the afternoon, and rain fell. Lunar halo at night.
THURSDAY .	21	No electricity shown.	Cloudless and very fine till 9h. A.M. Variable amounts of cloud prevalent afterwards. Lunar halo at night.
FRIDAY .	22	Negative with moderate tension between 11h. A.M. and noon.	Generally overcast. Rain fell heavily between 1h. and 3h. P.M. High wind at night.
SATURDAY .	23	Electrical apparatus broken by wind.	Cloudy till night; strong wind with rain at times. Very fine and generally cloudless after 9h. P.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·47 in. at the beginning of the week to 29·55 in. by 10h. A.M. on the 17th; decreased to 29·07 in. by 9h. P.M. on the 18th; increased

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 48. 1872. Vol. XXXIII.] Week ending Saturday, November 30. [Price 1½*d.*

General Register Office, Somerset House,
2nd December 1872.

United Kingdom.

During the week ending Saturday last, 5155 *births* and 3187 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 22 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 24 per 1000 persons living in Edinburgh and 28 in Glasgow.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 16, Norwich 28, Bristol 23, Wolverhampton 26, Birmingham 22, Leicester 22, Nottingham 22, Liverpool 24, Manchester 29, Salford 27, Oldham 32, Bradford 26, Leeds 29, Sheffield 23, Hull 23, Sunderland 34, and Newcastle-upon-Tyne 24. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 96 and 105, declined last week to 97; the deaths from this disease were equal to an annual rate of 14 per 1000 in Oldham, 3 in Newcastle-upon-Tyne, and 2 each in Birmingham, Wolverhampton, Manchester, Salford, and Leeds. In the unhealthy borough of Oldham no less than 404 deaths have been referred to this disease since the 3rd of August last. The death-rate from fever was equal to 3 per 1000 in Hull, and from measles it was 5 per 1000 in Norwich.

London.

In London 2303 births and 1221 deaths were registered. After making due allowance for increase of population, the births exceeded by 33, while the deaths were no less than 527 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 19 and 20 per 1000, declined again last week to 19. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 19 in the North, 21 in the Central, 19 in the East, and 19 in the South groups of Districts.

The 1221 deaths included 8 from small-pox, 15 from measles, 13 from scarlet fever, 4 from diphtheria, 27 from whooping-cough, 19 from different forms of fever (of which one was certified as typhus, 15 as enteric or typhoid, and 3 as simple continued fever), and 21 from diarrhœa; thus to the seven principal diseases of the zymotic class 107 deaths were referred, against 109 and 111 in the two preceding weeks. The deaths from these seven diseases were in the aggregate no less than 224 below the corrected average number in the corresponding week of the last ten years; the fatal cases of each of these diseases were considerably below the average, and those of fever were but 19 against a corrected average of 68. Two deaths from measles, however, occurred both in Clapham and Peckham; 3 from scarlet fever in Marylebone, and 2 both in Bermondsey and Woolwich; and 4 from enteric fever in Lambeth.

The deaths from small-pox which had been 13 in each of the two preceding weeks declined to 8, including 3 which were recorded in the small-pox hospitals at Homerton and Stockwell; 2 were returned as unvaccinated, 3 as vaccinated, and 3 as "not stated."

The mean temperature last week at the Royal Observatory, Greenwich, was 48°·0, and 6°·8 above the average for the corresponding week in 50 years; the mean on Tuesday was so high as 52°·6, the excess being equal to 11°·7. More than three quarters of an inch of rain was measured; the fall for the month of November being thus raised to 2·9 inches. The rain measured during October and November was 7·3 inches, or 2 inches above the average fall in 56 years. Rain fell on 46 out of the 61 days of those two months.

Diseases of the respiratory organs and phthisis caused 408 deaths, against 393 and 432 in the two previous weeks; these were no less than 161 below the corrected average number in the corresponding week of the last ten years. The low rate of mortality from this class of diseases which has recently prevailed, is doubtless partly due to the fact that the night temperature this autumn has, to the present time, only once (on 14th October) fallen below the freezing point of water.

To different forms of violence 52 deaths were referred; 44 were the result of negligence or accident, including 17 from fractures and contusions, 8 from burns and scalds, 2 from drowning, and 14 from suffocation, of which 10 were of infants under one year of age. Two cases of infanticide, and 4 of suicide, were registered.

Five of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 66 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 1st December; of these, 56 occurred in the Metropolitan and 10 in the City Police Districts.

In the large Public Institutions 221 deaths were recorded, or 18 per cent. of the total deaths; of these, 120 occurred in Workhouses, and 88 in Hospitals.

The water supplied to London during November by the Metropolitan Water Companies, from the rivers Thames and Lea, showed according to the report of Dr. Frankland, F.R.S., a considerable deterioration compared with that analyzed during October; the Kent Company's water, however, derived as it is from deep chalk wells, maintained its uniform good quality. Taking unity to represent the amount of organic impurity in the Kent water, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was:—New River 4·3, East London 6·2, West Middlesex 6·3, Chelsea 7·1, Grand Junction 7·2, Southwark 7·4, and Lambeth 7·6. Of the Companies drawing their supplies from the Thames, the West Middlesex Company alone delivered "bright "and transparent water; the remaining samples were opalescent or very slightly "milky when drawn from the mains." Dr. Hill reports of the Birmingham water supply that it was much clearer than usual, but still contained a large proportion of organic nitrogen.

Major Bolton, R.E., Water Examiner to the Board of Trade, in his report for the month ending 15th November, reports that the Thames was very turbid between 21st October and 8th November, during a portion of which period the water had the "appearance of pea soup;" this was due to the heavy rain-fall and floods resulting therefrom. The West Middlesex, New River, and East London are at present the only Companies that possess "sufficient storage or impounding reservoir "capacity to admit of the intake being shut off (and so avoid taking in water) "during the prevalence of such floods." Some of the other Companies have, however, additional reservoirs for storing filtered water in course of construction. The Chelsea is now the only Company whose intake is situated at Ditton, where the Thames water is affected by "the filthy water of the rivers Mole and Rye;" this Company, however, is reported to be prepared to apply to Parliament in the next session for powers to remove its intake higher up the river.

Indian Cities.

In Bombay the deaths registered during the week ending October 29th were 334, including 100 from remittent fever, and the annual death-rate was equal to 27 per 1000. In Calcutta 206 deaths were returned in the week ending October 19th. In Madras the 267 deaths in the week ending 1st November showed an annual death-rate equal to 35 per 1000.

Foreign Cities.

In Paris 798 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 23 per 1000 of the estimated population. In Brussels 74 deaths occurred in the week ending the 23rd ultimo, and the annual death-rate was 21 per 1000. In Berlin during the week ending Thursday 21st ultimo 401 deaths were recorded, showing an annual rate of 25 per 1000; 49 deaths were referred to enteric fever, against numbers declining from 89 to 36 in the five previous weeks. In Vienna the 428 deaths in the week ending 23rd ultimo gave an annual rate of 36 per 1000. In Rome 168 deaths were registered in the week ending 17th ultimo, and the annual death-rate was 36 per 1000.

In the City of New York 513 deaths were registered in the week ending November 9th, and the equivalent annual rate of mortality was 28 per 1000. In Philadelphia 212 deaths were returned during the same week, equal to a death-rate of but 16 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·27 in.; the highest reading was 29·62 in. on Wednesday evening, and the lowest 28·70 in. at the end of the week. The mean temperature of the *air* was 48°·0, or 6°·8 above the average in the corresponding week of the 50 years 1814-63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed a considerable excess on each day of the week; on Tuesday it was 52°·6, and 11°·7 above the average, while the coldest day was Friday when it had fallen to 44°·2, and the excess was but 2°·6. The highest day temperature in the shade was 55°·9 on Tuesday, and the lowest night temperature 39°·3 on Friday; the extreme range in the week was, therefore, 16°·6. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 83°·0 on Sunday. The difference between the mean *dew-point* and *air* temperature averaged 4°·0. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 45°·1. The mean degree of *humidity* of the air was 86, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 20 miles per hour. *Rain* fell on each day of the week, except Wednesday; the amount measured was ·77 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 43°·1 in Manchester, to 46°·9 in Portsmouth; the lowest recorded night temperature was 33°·0 in Hull, and the highest day temperature in the shade 57°·6 in Nottingham. Rain was measured in each of the towns; the amounts varied from ·49 of an inch in Nottingham, to 2·30 inches in Bradford.

In Centigrade degrees the mean temperature of the air at Greenwich was 8°·9, or 3°·8 above the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 13°·3, the lowest night temperature 4°·1, and the highest temperature in the sun 28°·3. The wind blew at the rate of 32 kilometres an hour, and the rain-fall measured 1·96 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 338,225 cubic metres, and at Barking 281,855 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of October 1872: thus, according to their account, 108,373,227 gallons or 492,388 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 216·8 gallons (98·5 decalitres), rather less than a *ton* by weight, to each house, and 30·5 gallons (13·9 decalitres) to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that on an average, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of October 1872, it may be estimated that about 88,866,046 gallons were probably used for domestic purposes, or about 25·0 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	October 1871.	October 1872.	October 1871.	October 1872.
Total Supply	491,485	499,786	105,645,974	108,373,227
From Thames	228,631	233,457	55,666,837	56,384,676
From Lea and from other Sources	262,854	266,329	49,979,137	51,988,551
Thames.				
Chelsea	27,949	28,247	8,839,100	8,564,100
West Middlesex	42,666	43,992	9,122,729	9,249,174
Southwark and Vauxhall	78,621	79,017	16,438,726	16,459,907
Grand Junction	32,316	33,500	10,755,582	10,948,495
Lambeth	47,079	48,701	10,510,700	11,163,000
Lea and other Sources.				
New River	119,634	120,592	23,161,000	24,672,000
East London	102,624	104,196	20,371,500	20,623,600
Kent	40,596	41,541	6,446,637	6,692,951

Note.—The Return for October 1872, as compared with that for the corresponding month of 1871, shows an increase of 8,301 houses and of 2,727,253 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for November.

Sir, *Royal College of Chemistry, 27th November* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of November. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

Taking the amount of organic impurity in the Kent Company's water as unity, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was :— New River 4·3, East London 6·2, West Middlesex 6·3, Chelsea 7·1, Grand Junction 7·2, Southwark 7·4, and Lambeth 7·6. These numbers, when compared with those furnished by the respective samples in October, show that the quality of the Thames water supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies has greatly deteriorated since my last monthly analyses. The deterioration of the river Lea water, supplied by the New River and East London Companies, is scarcely less remarkable. Sufficient storage ought to be provided to prevent the necessity for impounding the foul flood waters of these rivers when they are not fit for domestic supply. The Kent Company's water, derived from deep wells in the chalk, continues to maintain its uniform good quality as regards comparative freedom from organic matter.

The water delivered by all the Metropolitan Companies was, notwithstanding the foul condition of the Thames and Lea, free from visible suspended particles ; but the Kent, New River, and West Middlesex Companies alone delivered bright and transparent water ; the remaining samples were opalescent or very slightly milky when drawn from the mains.

Dr. Hill reports that the water supplied to Birmingham was much clearer than usual, but still contained a large proportion of organic nitrogen.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea - - -	8th November, Cab Rank, Horse Guards	11·0	27·50	·365	·067	·001	·237	·305	2060	2·00	18·0
West Middlesex -	8th November, Cab Rank, Portland-road	11·3	26·84	·343	·041	·001	·213	·255	1820	1·90	18·9
Southwark and Vauxhall - -	8th November, Cab Rank, St. George's Church, Borough.	11·7	27·88	·401	·048	·001	·212	·261	1810	1·90	19·1
Grand Junction -	8th November, Cab Rank, Woodstock-street.	10·3	28·44	·388	·051	·001	·216	·268	1850	1·90	19·1
Lambeth - -	8th November, Cab Rank, Westminster Bridge-road.	11·0	29·56	·414	·051	·001	·234	·286	2030	1·90	19·7
Other Sources.											
New River - -	9th November, Cab Rank, Tottenham-court-road.	10·8	30·26	·235	·029	·001	·294	·324	2630	1·55	22·4
East London -	11th November, Royal Hotel, Mile-end-road.	8·0	28·80	·332	·046	·002	·194	·242	1640	2·10	20·0
Kent - - -	11th November, Deptfd. Bdge. Police Stat.	12·0	38·38	·053	·008	·000	·401	·409	3690	2·45	28·2
Birmingham* -	4th November, Birmingham Waterworks	—	26·00	·263	·035	·002	·286	·322	2562	2·05	18·0
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water collected on the 8th November at the Horse Guards' cab-rank had a temperature of 11°·0 C. ; 100,000 lbs. of it contained 27·5 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·365 lb. of carbon and ·067 lb. of nitrogen. The above quantity of water also contained ·001 lb. of ammonia and ·237 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·305 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 2060 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·0 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 18·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-EIGHTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1834	1938	1963	2071	2128	2017	2152	2141	2178	2211	2063·3	2303
Males . .	971	1011	1016	1058	1085	1015	1117	1125	1122	1075	1059·5	1168
Females .	863	927	947	1013	1043	1002	1035	1016	1056	1136	1003·8	1135
TOTAL **Deaths**	1745	1442	1624	1368	1459	1588	1561	1705	1482	1918	1589·2	1221
Males . .	858	747	826	707	714	826	749	850	743	935	795·5	608
Females .	887	695	798	661	745	762	812	855	739	983	793·7	613

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—COMPARATIVE TABLE of DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.
TOTAL **Deaths** - - -	1236	1203	1106	1279	1276	1218	1369	1381	1306	1181	1183	1277	1221
Deaths under 5 years of age -	573	531	484	557	541	512	579	548	508	463	468	484	453
Deaths 5—20 - - -	82	82	82	85	84	81	98	70	84	81	76	88	70
Deaths 20—40 - - -	175	160	151	190	197	169	206	213	187	161	167	188	179
Deaths 40—60 - - -	187	198	177	202	202	194	232	251	240	219	222	237	243
Deaths 60—80 - - -	180	197	174	213	212	181	203	240	255	212	211	228	224
Deaths at 80 years & upwards	39	35	38	32	40	51	51	59	32	45	39	52	52
Deaths from Small-pox - -	6	12	5	9	10	7	17	6	14	15	13	13	8
,, ,, Measles - -	17	9	10	12	9	7	15	4	12	11	7	11	15
,, ,, Scarlet fever -	10	22	12	17	20	21	17	22	21	14	14	23	13
,, ,, Diphtheria -	5	2	5	5	5	5	12	9	2	3	6	5	4
,, ,, Whooping-cough	32	26	31	38	31	34	37	31	28	25	32	26	27
,, ,, Typhus fever -	5	3	3	4	6	4	3	3	4	2	2	1	1
,, ,, Enteric (or Typhoid) fever -	8	18	21	17	19	16	19	19	14	19	18	14	15
,, ,, SimpleContᵈfever	3	8	6	5	4	11	4	6	6	7	2	4	3
,, ,, Diarrhœa - -	134	119	95	92	50	45	36	32	18	19	15	14	21
,, ,, Simple Cholera -	7	2	7	2	—	—	3	—	—	—	—	—	—
,, ,, Phthisis - -	145	133	126	173	152	150	163	167	155	142	131	149	142
,, ,, Bronchitis - -	85	89	94	106	134	143	190	204	182	168	149	177	146
,, ,, Pneumonia -	53	43	56	76	81	78	80	104	91	93	81	71	76
,, ,, Heart Disease -	51	58	55	57	67	75	66	66	77	65	55	81	88
Mean Temperature of the Air	64·5	62·7	54·3	49·0	52·4	47·3	44·4	47·4	49·7	50·3	37·9	43·9	48·0
Mean Temperature of the Water of the Thames -	64·0	64·6	63·4	56·0	54·5	53·2	49·7	49·0	49·1	49·5	46·5	42·0	45·1
Humidity of the Air - -	75	82	78	81	86	85	92	92	90	87	88	90	86
Rain-fall in inches - -	0·33	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70	0·77

METEOROLOGICAL OBSERVATIONS. (*See* TABLE **3.**)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 30th day of November 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	Population estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	Births registered during the Week ending 30th Nov. 1872.	Deaths registered during the Week ending 30th Nov. 1872.	Temperature of the Air. (Fahrenheit.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	Temperature of the Air. (Centigrade.) Weekly Mean of the Daily Mean Values.	Rain Fa In Inches.	C m
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5455	3187	57·6	28·9	45·1	7·28	1·25	
LONDON	78,080	3,311,298	42·4	2303	1221	55·9	39·3	48·0	8·89	0·77	
PORTSMOUTH	9,513	115,455	12·1	66	36	55·8	34·0	46·9	8·28	1·96	
NORWICH	7,472	81,105	10·9	51	43	54·5	36·5	45·6	7·55	0·61	
BRISTOL	4,688	186,428	39·8	143	83	—	—	—	—	—	
WOLVERHAMPTON	3,387	69,268	20·5	54	34	53·8	39·0	45·3	7·39	1·18	
BIRMINGHAM	7,831	350,164	44·7	285	149	54·5	34·0	45·3	7·39	1·23	
LEICESTER	3,200	99,143	31·0	76	42	53·2	38·7	45·6	7·55	1·29	
NOTTINGHAM	1,996	88,225	44·2	87	38	57·6	38·3	45·7	7·61	0·49	
LIVERPOOL	5,108	499,897	97·9	432	229	52·9	37·2	44·7	7·06	0·80	
MANCHESTER	4,486	352,759	78·6	269	193	54·2	36·0	43·1	6·17	1·67	
SALFORD	5,172	127,923	24·7	106	67	54·3	36·7	44·7	7·06	1·49	
OLDHAM	4,167	84,004	20·2	67	52	51·0	—	—	—	2·08	
BRADFORD	6,590	151,720	23·0	139	76	53·5	38·4	45·6	7·55	2·30	
LEEDS	21,572	266,564	12·4	258	147	56·0	35·0	45·7	7·61	1·91	
SHEFFIELD	22,880	247,847	10·9	209	110	54·7	38·2	45·6	7·55	1·53	
HULL	3,562	124,976	35·1	93	54	54·0	33·0	43·5	6·39	0·78	
SUNDERLAND	3,306	100,665	30·4	108	66	—	—	—	—	—	
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	136	61	52·0	39·0	45·3	7·39	0·62	
EDINBURGH	4,427	205,146	46·3	110	96	50·0	30·7	44·0	6·67	0·70	
GLASGOW	5,063	489,136	94·8	370	267	51·7	28·9	41·6	5·33	1·01	
DUBLIN	9,745	310,565	31·9	*143*†	*123*†	—	—	—	—	—	

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pre between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the W ending Saturday the 30th day of November 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	Annual Rate of Mortality per 1000 living.	Deaths from all Causes.	The Deaths registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	22	2701	675	577	30	60	97	8	53	67	47	114	197
LONDON	19	1221	306	276	8	15	13	4	27	19	21	52	104
PORTSMOUTH	16	36	7	6	6	–	–	1	–	2	–	2	2
NORWICH	28	43	8	14	–	8	–	–	–	2	–	1	1
BRISTOL	23	83	15	25	3	–	–	–	2	2	3	3	4
WOLVERHAMPTON	26	34	11	5	–	–	3	–	–	–	–	–	–
BIRMINGHAM	22	149	44	24	5	1	14	–	4	3	4	7	14
LEICESTER	22	42	18	5	1	1	–	–	4	–	2	1	1
NOTTINGHAM	22	38	3	14	–	–	–	–	–	–	–	1	2
LIVERPOOL	24	229	59	63	1	13	1	3	3	8	3	15	19
MANCHESTER	29	193	47	32	–	6	15	–	–	2	5	7	19
SALFORD	27	67	11	14	1	2	5	–	–	2	–	7	8
OLDHAM	32	52	11	3	–	–	23	–	–	2	–	2	3
BRADFORD	26	76	22	14	–	4	2	–	1	2	3	2	2
LEEDS	29	147	29	29	3	8	9	–	2	7	2	5	9
SHEFFIELD	23	110	31	22	–	–	4	–	6	7	–	5	5
HULL	23	54	20	4	2	–	–	–	1	7	2	1	2
SUNDERLAND	34	66	19	11	–	2	–	–	3	–	1	2	2
NEWCASTLE-ON-TYNE	24	61	14	16	–	–	8	–	–	2	1	1	–
DUBLIN†													

† The usual return from Dublin has not been received; the numbers inserted in Table 3, in order to make up a total fo 21 Towns of the United Kingdom, are the averages of those returned in the four preceding weeks.

Table 5.—Deaths Registered in London in the Forty-eighth Week of the Year 1872.

Causes of Death.	Average in the Forty-eighth Weeks of the 10 years 1862-71.	In the Week ending Saturday, November 30, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
	Mean Temperature	Mean Tem.	0–5.	5–20.				
	° 40·1	° 48·0						
ALL CAUSES	1589·2	1221	453	70	179	243	224	52
SPECIFIED CAUSES	1581·7	1216	451	69	179	242	223	52
ZYMOTIC DISEASES.								
Order 1.								
Small-pox	24·7	8	4	1	2	–	1	–
Measles	49·6	15	13	2	–	–	–	–
Scarlet Fever (Scarlatina)	95·1	13	10	2	1	–	–	–
Diphtheria	11·1	4	2	2	–	–	–	–
Quinsy	1·4	1	1	–	–	–	–	–
Croup	15·3	10	8	2	–	–	–	–
Hooping-cough	42·2	27	27	–	–	–	–	–
Typhus		1	–	1	–	–	–	–
Enteric or Typhoid Fever	61·6	15	–	5	9	1	–	–
Simple continued Fever		3	2	–	–	1	–	–
Erysipelas	11·4	8	–	2	–	3	2	1
Puerperal Fever (Metria)	7·3	9	–	–	9	–	–	–
Carbuncle	1·5	–	–	–	–	–	–	–
Influenza	1·4	–	–	–	–	–	–	–
Mesentery	2·0	–	–	–	–	–	–	–
Diarrhœa	16·9	21	16	–	–	2	3	–
Simple Cholera	·8	–	–	–	–	–	–	–
Ague	·3	1	1	–	–	–	–	–
Remittent Fever	1·3	1	–	1	–	–	–	–
Rheumatism	9·6	6	–	1	4	1	–	–
Other *Zymotic* Diseases	·5	–	–	–	–	–	–	–
Order 2.								
Syphilis	8·8	9	6	–	2	–	1	–
Stricture of Urethra	1·2	1	–	–	–	–	1	–
Hydrophobia	·1	–	–	–	–	–	–	–
Cancers	—	–	–	–	–	–	–	–
Order 3.								
Privation	·9	1	–	–	–	1	–	–
Want of Breast-milk	7·5	10	10	–	–	–	–	–
Purpura and Scurvy	1·0	4	3	–	–	–	1	–
Alcoholism & Del. Tremens	1·7	1	–	–	1	–	–	–
Delirium & Intemperance	2·2	2	–	–	–	2	–	–
Order 4.								
Thrush	2·5	2	2	–	–	–	–	–
Worms, &c.	·1	–	–	–	–	–	–	–
CONSTITUTIONAL DIS.								
Order 1.								
Gout	2·1	–	–	–	–	–	–	–
Dropsy	11·7	12	1	–	2	2	6	1
Cancer	26·8	20	–	–	–	13	6	1
Cancrum Oris (Noma)	·7	–	–	–	–	–	–	–
Mortification	3·9	3	–	–	–	2	1	–
Order 2.								
Scrofula	6·3	8	2	3	3	–	–	–
Tabes Mesenterica	17·8	11	9	1	–	1	–	–
Hydrocephalus	165·3	142	6	12	72	42	9	1
Other Diseases	27·8	21	17	3	–	1	–	–
LOCAL DISEASES.								
Order 1.								
Encephalitis	12·5	20	11	4	1	3	1	–
Apoplexy	37·3	37	5	–	–	11	18	3
Paralysis	29·2	40	–	–	1	10	26	3
Insanity	1·6	3	–	–	–	1	2	–
Chorea	·1	–	–	–	–	–	–	–
Epilepsy	5·5	8	1	2	3	2	–	–
Convulsions	49·0	49	48	1	–	–	–	–
Brain Disease, &c.	17·9	13	3	–	4	3	3	–
Order 2.								
Pericarditis	2·1	10	2	2	3	3	–	–
Aneurism	2·5	4	–	–	1	3	–	–
Heart Disease, &c.	70·0	88	2	10	15	30	29	2
Order 3.								
Laryngitis	6·7	12	10	–	–	–	2	–
Bronchitis	247·2	146	65	–	2	24	44	11
Pleurisy	2·9	4	1	–	–	2	1	–
Pneumonia	112·9	76	42	1	7	20	6	–
Asthma	16·6	5	–	–	–	3	1	1
Lung Disease, &c.	17·6	23	11	2	2	3	5	–
Order 4.								
Gastritis	1·1	1	–	–	1	–	–	–
Enteritis	4·4	2	–	–	–	1	–	1
Peritonitis	4·1	5	–	2	2	1	–	–
Ascites	2·4	1	–	–	–	1	–	–
Ulceration of Intestines	2·7	3	–	–	1	1	1	–
Hernia	3·3	6	–	–	2	1	2	1
Ileus	3·5	4	–	–	–	1	3	–
Intussusception	·2	1	1	–	–	–	–	–
9. Stricture of Intestines	·9	2	–	–	–	2	–	–
10. Fistula	1·0	1	–	–	–	1	–	–
11. *Stomach Disease, &c.*	5·5	9	1	–	1	4	3	–
12. *Pancreas Disease, &c.*	–	–	–	–	–	–	–	–
13. Hepatitis	3·5	7	–	–	2	4	1	–
14. Jaundice	3·4	2	1	–	–	–	1	–
15. *Liver Disease, &c.*	16·1	14	–	–	6	7	1	–
16. *Spleen Disease, &c.*	·3	–	–	–	–	–	–	–
Order 5.								
1. Nephritis	1·5	3	–	–	2	–	1	–
2. Ischuria	·4	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	9·7	8	–	–	3	4	1	–
4. Diabetes	1·9	1	–	–	–	1	–	–
5. Calculus (Stone)	·8	–	–	–	–	–	–	–
6. Cystitis	1·0	2	–	–	–	–	1	1
7. *Kidney Disease, &c.*	8·0	9	1	–	–	4	3	1
Order 6.								
1. Ovarian Dropsy	·4	1	–	–	–	–	–	1
2. *Uterus Disease, &c.*	4·0	4	–	–	–	4	–	–
Order 7.								
1. Synovitis (Arthritis)	·4	–	–	–	–	–	–	–
2. *Joint Disease, &c.*	4·9	7	1	2	3	1	–	–
Order 8.								
1. Phlegmon	1·4	2	1	1	–	–	–	–
2. Ulcer	1·6	1	–	–	–	–	1	–
3. *Skin Disease, &c.*	1·9	3	3	–	–	–	–	–
IV. DEVELOPMENTAL DISEASES.								
Order 1.								
1. Premature Birth	22·3	20	20	–	–	–	–	–
2. Cyanosis	1·7	4	4	–	–	–	–	–
3. Spina Bifida	·3	2	2	–	–	–	–	–
4. Other Malformations	1·9	1	1	–	–	–	–	–
5. Teething	15·7	9	9	–	–	–	–	–
Order 2.								
1. Paramenia	·2	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	7·6	3	–	–	3	–	–	–
Order 3.								
1. Old Age	56·8	44	–	–	–	–	22	22
Order 4.								
1. Atrophy and Debility	59·7	54	46	–	–	1	7	–
V. VIOLENT DEATHS, &c.								
Order 1. (Accident or Negligence.)								
1. Fractures and Contusions	16·3	17	1	2	4	5	4	1
2. Wounds { Gunshot	·7	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		–	–	–	–	–	–	–
3. Burns and Scalds	7·8	8	4	1	–	3	–	–
4. Poison	1·1	–	–	–	–	–	–	–
5. Drowning	4·9	2	–	–	–	2	–	–
6. Suffocation	12·0	14	10	–	1	3	–	–
7. Otherwise	2·3	3	1	–	2	–	–	–
Order 3. (Homicide.)								
1. Murder and Manslaughter	2·1	2	2	–	–	–	–	–
Order 4. (Suicide.)								
1. Wounds { Gunshot	·3	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·1	1	–	–	–	–	1	–
2. Poison	·7	1	–	–	1	–	–	–
3. Drowning	·5	–	–	–	–	–	–	–
4. Hanging	·9	2	–	–	1	–	1	–
5. Otherwise	·2	–	–	–	–	–	–	–
Order 5. (Execution.)								
1. Hanging	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·3	2	1	1	–	–	–	–
Sudden Deaths (Cause unascertained)	2·5	–	–	–	–	–	–	–
Causes not specified or ill-defined	5·0	5	2	1	–	1	1	–

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARI
during the Week end

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2303	1221	306	276	8	15	13	4	27	1	15	3	21	52	104
WEST DISTRICTS	561,189	361	181	49	42	2	1	–	–	2	–	2	–	6	9	20
NORTH DISTRICTS	751,668	488	276	66	72	3	3	5	2	7	–	3	2	4	8	19
CENTRAL DISTRICTS	333,887	195	139	32	31	–	3	–	–	2	–	1	–	1	13	21
EAST DISTRICTS	638,928	508	240	61	44	2	3	1	1	11	–	3	1	3	10	23
SOUTH DISTRICTS	966,132	741	385	98	87	1	5	7	1	5	1	6	–	7	12	21
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	45	22	7	7	1	1	–	–	1	–	–	–	–	–	1
St. John Paddington H	38082	18	4	1	–	–	–	–	–	–	–	–	–	–	–	–
Kensington Town *WL*	91583	79	38	13	9	1	–	–	–	–	–	–	–	–	2	4
Brompton H	28651	10	8	2	3	–	–	–	–	–	–	–	–	–	–	1
St. Peter Hammersmith	6662	7	4	1	1	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36030	26	13	4	3	–	–	–	–	1	–	1	–	1	1	1
Fulham *WLLLL*	23378	17	14	7	4	–	–	–	–	–	–	–	–	2	–	1
Chelsea South HH	26419	11	6	1	–	–	–	–	–	–	–	–	–	1	–	–
Chelsea North-west H*Ww*	23278	15	6	3	–	–	–	–	–	–	–	1	–	1	–	–
Chelsea North-east L	21389	13	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	4	4	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	18020	3	4	–	–	–	–	–	–	–	–	–	–	1	2	2
Belgrave HH	58043	28	15	3	5	–	–	–	–	–	–	–	–	–	–	2
St. John Westminster HHH	38470	34	15	1	3	–	–	–	–	–	–	–	–	–	4	5
St. Margaret Westminster *WW*HH	27640	18	10	4	2	–	–	–	–	–	–	–	–	–	–	–
St. James's Square	10453	3	1	–	–	–	–	–	–	–	–	–	–	–	–	2
Golden Square *W*	12855	12	8	–	4	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	1	4	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	17	2	1	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	18	13	2	3	–	1	–	–	–	–	–	–	–	–	–
Cavendish Square	15419	6	4	–	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *W*H	26387	11	21	3	11	–	–	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	20	11	3	3	–	–	1	–	–	–	–	–	–	1	2
Christchurch Marylebone	33892	22	7	3	1	–	–	2	–	–	–	–	–	–	–	1
St. John Marylebone	33110	21	11	3	3	–	1	–	–	–	–	–	–	1	–	–
Hampstead *W*HHH	32271	11	12	1	3	–	–	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	23	10	5	4	–	–	–	–	–	–	–	–	–	–	–
Tottenham-court *w*H	29360	18	16	2	3	–	–	1	–	–	–	–	–	1	1	3
Gray's Inn Lane H	29216	18	8	3	3	–	–	–	–	–	–	–	–	–	–	1
Somers Town	38562	18	21	6	3	–	–	–	–	2	–	–	–	–	–	–
Camden Town *W*	18066	17	9	1	3	–	–	–	1	1	–	–	–	–	–	–
Kentish Town *W*	68198	55	28	8	7	–	–	–	–	1	–	–	–	1	3	3
Islington West HHH	97801	68	24	7	5	–	–	1	1	1	–	–	–	1	–	1
Islington East *Ww*H	115948	89	32	6	9	–	–	–	–	–	–	2	–	–	–	–
Stoke Newington L	9810	6	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	20	11	4	1	–	–	–	–	2	–	–	–	1	–	–
Hackney *W*HHL	50087	36	29	8	6	3	1	–	–	–	–	1	–	–	–	1
South Hackney L	30305	18	6	1	2	–	–	–	–	–	–	–	–	–	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	8	5	1	1	–	–	–	–	–	–	–	–	–	–	1
St. Giles South *WH*	19089	20	3	2	1	–	–	–	–	–	–	–	–	–	–	1
St. Giles North	16497	9	10	4	2	–	–	–	–	–	–	–	–	–	–	1
Long Acre	11326	6	4	–	1	–	–	–	–	–	–	–	–	–	1	1
Charing Cross H	9831	3	11	–	1	–	–	–	–	–	–	–	–	–	–	2
St. Mary-le-Strand	9376	4	2	–	2	–	–	–	–	–	–	–	–	–	1	–
St. Clement Danes H	10711	6	6	1	1	–	–	–	–	–	–	–	–	–	1	1
St. George-the-Martyr HHH	20521	11	4	–	–	–	–	–	–	–	–	1	–	–	–	–
St. Andrew Eastern *W*	13528	13	14	1	5	–	–	–	–	–	–	–	–	–	–	1
Saffron Hill	9051	3	3	3	–	–	–	–	–	–	–	–	–	–	1	1
St. James Clerkenwell *W*	18912	11	11	4	2	–	–	–	–	1	–	–	–	1	1	2
Amwell Clerkenwell	16878	13	3	2	–	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	6	6	1	1	–	1	–	–	–	–	–	–	–	–	1
Goswell-street	16220	12	8	3	3	–	–	–	–	–	–	–	–	–	1	1
Old-street H	12156	5	5	1	2	–	1	–	–	–	–	–	–	–	2	2
City-road *W*HHL	18291	24	2	2	–	–	–	–	–	–	–	–	–	–	–	–
Whitecross-street	13790	12	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	5	2	1	–	–	1	–	–	–	–	–	–	–	–	–
St. Botolph East London HH	14484	4	6	3	2	–	–	–	–	–	–	–	–	–	1	1
Cripplegate	13639	6	5	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	2	12	–	3	–	–	–	–	–	–	–	–	–	4	4
St. Bride *W*	11184	7	5	1	1	–	–	–	–	1	–	–	–	–	–	–
Castle Baynard	4389	1	4	–	–	–	–	–	–	–	–	–	–	–	1	1
Christchurch	6308	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	3	2	–	1	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—
W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 30th November 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	9	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-
eonard Shoreditch HL†	16545	16	4	1	2	-	-	-	-	-	-	-	-	-	-	-	2
on New Town *w*	27832	24	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-
on Old Town	26944	21	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
erstone West *W*	24153	18	13	4	1	-	-	-	-	1	-	-	-	1	-	4	1
erstone East	19257	21	8	5	-	-	-	-	-	1	-	-	-	-	-	-	-
ney-road	29308	29	6	2	2	-	-	-	-	2	-	-	-	-	-	-	-
, Bethnal Green *WHL†*	42443	43	21	2	7	1	-	-	-	-	-	-	1	-	-	-	10
h, Bethnal Green	26574	21	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
, Bethnal Green	21375	12	5	1	-	-	-	-	1	2	-	-	-	-	-	-	-
ery Whitechapel	6651	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
fields	15844	2	6	2	1	-	-	-	-	-	-	-	1	-	-	2	-
End New Town *W*	15550	18	17	1	5	-	-	-	-	1	-	-	-	-	1	2	7
chapel North	11434	8	3	2	-	-	-	-	-	-	-	-	-	-	3	2	10
chapel Church H	7323	8	11	1	1	-	-	-	-	-	-	-	1	-	1	1	-
nan's Fields	16381	5	7	2	-	-	-	-	-	-	-	-	-	-	-	1	-
te	9149	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East	17906	15	6	2	1	-	-	-	-	2	-	-	-	-	-	-	-
ul St. George East	21356	16	7	1	1	-	-	-	-	-	-	-	-	-	-	1	-
hn St. George East *W*	8973	7	4	1	3	-	-	-	-	-	-	-	-	-	2	1	3
well	11623	5	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-
ff H	15930	7	10	3	2	-	-	-	-	-	-	-	-	1	-	1	2
ouse *W*	30023	26	9	2	1	-	-	1	-	-	-	-	-	-	-	-	-
End Old Town West	38123	31	13	1	2	-	1	-	-	-	-	-	-	-	1	3	-
End Old Town East *WwH*	55020	51	15	6	1	-	-	-	-	-	-	-	-	-	-	1	3
WwHL†	67777	56	32	9	5	1	1	-	-	2	-	-	-	1	1	2	9
WW	48500	34	16	6	2	-	1	-	-	-	-	-	1	-	-	-	-
SOUTH DISTRICTS.																	
church Southwark *W*	14547	8	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-
viour Southwark H	15667	7	8	3	-	-	-	-	-	1	-	-	-	-	-	-	-
road	20430	16	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
gh-road *WH*	16694	17	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1
n-road L	18959	18	7	2	1	-	-	-	-	-	-	-	-	-	1	1	-
y Newington	23673	18	8	2	-	-	-	-	-	-	-	1	-	-	-	-	-
ter Walworth *W*	48232	53	34	5	12	-	-	-	-	1	1	1	-	-	-	-	15
ary Newington	16786	16	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ave Southwark H	4157	2	18	-	4	-	-	-	1	-	-	-	-	-	2	2	16
hn Horsleydown *W*	10595	5	2	-	-	-	-	-	-	-	-	-	-	1	-	-	2
er Market	16785	8	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-
ary Magdalen *W*	15707	15	7	3	3	-	-	-	-	-	-	-	-	-	-	-	3
mes Bermondsey	47921	49	21	7	4	-	-	2	-	-	-	-	-	-	1	-	-
thithe *W*	25873	19	7	2	-	-	-	-	-	-	-	-	-	1	-	1	-
loo-road 1st H	14086	15	5	1	1	-	-	-	-	1	-	-	-	-	1	-	1
loo-road 2nd H	18453	10	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-
eth Church 1st H	19470	7	18	2	2	-	-	-	-	-	-	-	-	-	4	7	13
eth Church 2nd *W*	35831	23	20	5	7	-	-	-	-	-	-	1	-	1	-	1	4
ington 1st *W*	41284	32	19	5	7	1	-	-	-	-	-	-	-	-	-	-	-
ington 2nd	31213	22	13	3	3	-	-	-	-	-	-	2	-	1	-	-	-
n HL	35431	27	19	2	5	1	-	-	-	-	-	1	-	-	-	1	2
ood *W*	12534	8	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-
am HL	27348	21	6	4	1	-	2	-	-	-	-	-	-	-	-	-	-
sea *W*	53988	61	23	6	2	-	-	1	-	1	-	-	-	-	2	6	-
sworth HL	19797	12	8	1	1	-	-	-	-	-	-	-	-	-	1	3	5
y	9438	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ham	14479	4	4	1	1	-	-	-	-	-	-	-	-	1	1	1	-
sh	4041	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
erwell *WL†L†*	31251	15	14	3	5	-	-	-	-	-	-	-	-	-	-	1	5
am *W*	42159	39	17	6	3	-	2	1	-	-	-	-	-	1	-	-	-
orge Camberwell	33851	17	10	6	-	-	-	1	-	-	-	-	-	-	-	-	-
ul Deptford	55696	39	12	6	5	-	-	-	-	-	-	-	-	-	-	-	-
holas Deptford	6487	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
wich West	21098	16	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
wich East *WH*	19320	16	12	-	3	-	-	-	-	-	-	-	-	-	-	-	8
n	4528	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16430	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nam Village *W*	11508	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nam	19016	13	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-
on H	9503	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ich Dockyard	17229	19	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-
ich Arsenal H	18819	18	8	4	1	-	-	2	-	-	-	-	-	1	-	-	-
tead West	13028	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
tead East *W*	15290	9	6	1	3	-	-	-	-	-	-	-	-	-	-	-	4

owing are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
Strand " " Tottenham-court sub-district.
don City " " Islington East.
born Infirmary " "
don City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30th NOVEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahren heit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°					lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	24	..	29·249	52·5	46·2	6·3	49·1	43·5	83·0	39·0	44·4	41·5	5·6	8·6	2·1	+ 8·1	81	SW.	SSW. & S.	8·2	0·1	1·9	530	0·04	..
MONDAY	25	..	29·123	54·1	42·0	12·1	48·1	47·1	54·4	35·2	45·1	45·2	1·0	5·3	0·0	+ 7·2	96	SSW. & SW.	SSW. & SW.	15·0	0·0	2·0	584	0·26	..
TUESDAY	26	In Equator	29·333	55·9	49·5	6·4	52·6	45·0	66·0	42·1	46·0	43·6	7·6	11·2	5·0	+11·7	75	SW & WSW.	WSW & SW	30·+	0·8	4·3	830	0·02	..
WEDNESDAY	27	..	29·586	55·1	46·8	8·3	50·0	43·1	72·3	42·2	46·6	43·8	6·9	16·2	2·1	+ 8·9	77	WSW.	WSW. & SW	19·0	0·0	2·0	592	0·00	..
THURSDAY	28	..	29·551	48·2	41·5	6·7	45·0	44·3	53·7	40·0	47·1	45·2	0·7	3·8	0·0	+ 3·7	98	SW. S. & WSW.	WSW. & SSW.	1·5	0·0	0·1	222	0·04	..
FRIDAY	29	..	29·241	49·7	39·3	10·4	44·2	41·5	70·3	32·6	47·2	45·5	2·7	7·1	0·0	+ 2·6	90	SW.	SSW. & SSE.	1·6	0·0	0·1	224	0·27	..
SATURDAY	30	New	28·810	52·2	43·0	9·2	47·1	43·6	62·0	34·1	46·8	45·0	3·5	6·4	0·9	+ 5·2	88	SW. & S.	SSW. & S.	3·3	0·0	0·5	351	0·14	..
MEANS		..	29·270	52·5	44·0	8·5	48·0	44·0	66·0	37·9	46·2	44·0	4·0	8·4	1·4	+ 6·8	86	S.W.		..	..	..	Sum 3333	Sum 0·77	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. NOVEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY	24		Rain in early morning. A very fine and bright day, changing however at night to stormy and rainy weather.
MONDAY	25		Generally overcast. Frequent rain and strong gusty wind.
TUESDAY	26		Variable in early morning. Brilliant flashes of lightning seen. Cloudy till night, and rain fell heavily at times. A heavy gale prevalent throughout. Cloudless generally after 9h. P.M.
WEDNESDAY	27	Electrical apparatus out of order. Injured during gale.	Cloudless and very fine in early morning, but very windy. Overcast after mid day.
THURSDAY	28		Overcast and foggy till noon. Variable afterwards. A little rain fell about 1h. P.M.
FRIDAY	29		Rain in early morning. Light clouds prevalent till evening; then overcast, and rain fell continuously from 7h. 30m. to 11h. P.M.
SATURDAY	30		A very variable day throughout. Heavy rain at times. Flashes of lightning seen in the evening.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·10 in. at the beginning of the week to 29·28 in. by noon on the 24th; decreased to 29·21 in. by 9h. P.M. on the same day; increased to 29·24 in. by 9h. A.M. on the 25th; decreased to 29·07 in. by 3h. P.M. on the same day; in-

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 49. 1872. Vol. XXXIII.] Week ending Saturday, December 7. [Price 1*d.*

General Register Office, Somerset House, 9th December 1872.

United Kingdom.

During the week ending Saturday last, 5439 *births* and 3198 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 21 per 1000 persons living in Edinburgh, 26 in Glasgow, and 27 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 20, Norwich 26, Bristol 21, Wolverhampton 20, Birmingham 27, Leicester 21, Nottingham 20, Liverpool 27, Manchester 29, Salford 23, Oldham 32, Bradford 29, Leeds 28, Sheffield 22, Hull 29, Sunderland 28, and Newcastle-upon-Tyne 22. The fatal cases of scarlet fever in these towns, which in the two previous weeks had been 105 and 99, further declined last week to 96; the annual death-rate from this disease was equal to 10 per 1000 in Oldham, 3 in Manchester, Newcastle-upon-Tyne, and Wolverhampton, and 2 in Birmingham. The fatality from scarlet fever showed, however, a slight decline in Oldham. The deaths from measles in Norwich, and from fever in Hull, were again excessive.

London.

In London 2274 births and 1205 deaths were registered. After making due allowance for increase of population, the births exceeded by 56, while the deaths were no less than 554 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 20 and 19 per 1000, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 18 per 1000 in the West, 19 in the North, 19 in the Central, 20 in the East, and 20 in the South groups of Districts.

The 1205 deaths included 8 from small-pox, 10 from measles, 12 from scarlet fever, 5 from diphtheria, 30 from whooping-cough, 26 from different forms of fever (of which 4 were certified as typhus, 21 as enteric or typhoid, and one as simple continued fever), and 17 from diarrhœa; thus to the seven principal diseases of the zymotic class 108 deaths were referred, against 111 and 107 in the two preceding weeks. The deaths from these diseases, in the aggregate, were no less than 222 below the corrected average number in the corresponding week of the last ten years. The fatal cases of enteric fever, however, showed a slight increase upon those returned in recent weeks. The deaths from measles included 2 in Kentish Town, and those of whooping-cough 2 in Islington East sub-districts; 2 of the fatal cases of enteric fever occurred in Kennington Second, and 4 in Hackney sub-districts, all the latter being recorded in the Fever Hospital.

The deaths from small-pox, which in the two previous weeks had been 13 and 8, were again 8 last week, of which 5 occurred in the small-pox hospitals at Homerton and Stockwell; 2 were returned as unvaccinated, 4 as vaccinated, and 2 as "not stated."

The mean temperature at the Royal Observatory, Greenwich, was 41°·9, and slightly below the average for the corresponding week in 50 years; the daily means ranged from 46°·0 on Sunday the 1st, to 35°·1 on Thursday. Rain fell on each day of the week except Wednesday, amounting in the aggregate to 1·13 inches. The rain-fall of the 342 days of this year, on 182 of which rain was measured at Greenwich, amounted to 27·1 inches; the average annual fall in the past ten years has been 24·1 inches.

Diseases of the respiratory organs and phthisis caused 432 deaths, against 432 and 408 in the two preceding weeks; these were no less than 189 below the corrected average number in the corresponding week of the last ten years. The deaths from bronchitis were 164, against a corrected average of 262.

To different forms of violence 56 deaths were referred; 47 were the result of negligence or accident, including 18 from fractures and contusions, 3 from burns and scalds, 10 from drowning, and 10 (all of infants under one year of age) from suffocation. Four cases of suicide, and one of manslaughter, were registered.

Six of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 46 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 8th instant; of these, 37 occurred in the Metropolitan and 9 in the City Police Districts.

During the week 100 deaths were registered upon the information of the Metropolitan Coroners, being inquest cases, against 82 and 104 in the two preceding weeks; these showed a proportion to the total deaths of 8 per cent.

In the large Public Institutions 210 deaths were recorded, or 17 per cent. of the total deaths; of these, 117 occurred in Workhouses and 88 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending November 5th were 293, including 118 from remittent fever, and the annual death-rate was equal to 24 per 1000. In Calcutta 261 deaths were returned in the week ending October 26th. In Madras the 273 deaths in the week ending 8th November, including 52 from fevers, showed an annual death-rate equal to 36 per 1000.

Foreign Cities.

In Paris 752 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 78 deaths occurred in the week ending the 30th ultimo, and the annual death-rate was 22 per 1000. In Berlin during the week ending 28th ultimo 445 deaths were recorded, showing an annual rate of 28 per 1000; 36 were referred to enteric fever, against 36 and 49 in the two preceding weeks. In Vienna the 382 deaths in the week ending 30th ultimo gave an annual rate of 32 per 1000; 87 deaths were referred to small-pox. In Rome 164 deaths, of which 18 were cases of fever, were registered in the week ending 24th ultimo, and the annual death-rate was 35 per 1000.

In the City of New York 444 deaths were registered in the week ending November 16th, and the equivalent annual rate of mortality was 25 per 1000. In Philadelphia 246 deaths were returned during the same week, equal to a death-rate of 19 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·38 in.; the lowest reading was 28·70 in. at the beginning of the week, and the highest 29·83 in. on Thursday morning. The mean temperature of the *air* was 41°·9, or 0°·3 below the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably below the average on both Wednesday and Thursday, while an excess prevailed on each of the other days; on Sunday 1st the mean was 46°·0 and 3°·9 above the average, while on Thursday it was but 35°·1, and showed a deficiency of 7°·1. The highest day temperature in the shade was 50°·5 on Sunday, and the lowest night temperature 27°·7 on Thursday; the extreme range in the week was, therefore, 22°·8. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 63°·8 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 3°·6. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 43°·7. The mean degree of *humidity* of the air was 87, complete saturation being represented by 100. The general direction of the *wind* was W.S.W. and N.N.E., and the horizontal movement of the air averaged 14 miles per hour. *Rain* fell on each day of the week except Wednesday; the amount measured was 1·13 inches.

The mean temperature of the week in the other large English towns furnishing returns ranged from 37°·7 in Newcastle to 41°·2 in Portsmouth; the lowest recorded night temperature was 23°·8 in Salford, and the highest day temperature in the shade 52°·4 in Portsmouth. Rain was measured in each of the towns; the amounts varied from ·28 of an inch in Leicester, to 1·69 inches in Portsmouth.

In Centigrade degrees the mean temperature of the air at Greenwich was 5°·5, or 0°·2 below the mean temperature of the corresponding week in 50 years. The highest day temperature in the shade was 10°·3, the lowest night temperature showed 2°·4 of frost, and the highest temperature in the sun 17°·7. The wind blew at the rate of 23 kilometres an hour, and the rain-fall measured 2·87 centimetres.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 411,055 cubic metres, and at Barking 350,109 cubic metres, equivalent to about as many tons by weight.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FORTY-NINTH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total Births	1829	1795	1961	2162	1970	1959	2171	2267	1922	2126	2016·2	2274
Males . .	914	941	1020	1074	983	1008	1136	1136	975	1093	1028·0	1136
Females .	915	854	941	1088	987	951	1035	1131	947	1033	988·2	1138
Total Deaths	1619	1376	1522	1433	1584	1588	1672	1759	1586	1856	1599·5	1205
Males . .	802	724	760	700	795	786	826	954	755	927	802·9	623
Females .	817	652	762	733	789	802	846	805	831	929	796·6	582

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.
Total Deaths	1203	1106	1279	1276	1218	1369	1381	1306	1181	1183	1277	1221	1205
Deaths under 5 years of age	531	484	557	541	512	579	548	508	463	468	484	453	454
Deaths 5—20	82	82	85	84	81	98	70	84	81	76	88	70	71
Deaths 20—40	160	151	190	197	199	205	213	187	161	167	188	179	199
Deaths 40—60	198	177	202	202	194	232	251	240	219	222	237	243	228
Deaths 60—80	197	174	213	212	181	203	240	255	212	211	228	224	208
Deaths at 80 years & upwards	35	38	32	40	51	51	59	32	45	39	52	52	45
Deaths from Smallpox	12	5	9	10	7	17	6	14	15	13	13	8	8
" " Measles	9	10	12	9	7	15	4	12	11	7	11	15	10
" " Scarlet Fever	22	12	17	20	21	17	22	21	14	14	23	13	12
" " Diphtheria	2	5	5	5	5	12	9	2	3	6	5	4	5
" " Whooping-cough	26	31	38	31	34	37	31	28	25	32	26	27	30
" " Typhus fever	3	3	4	6	4	3	3	4	2	2	1	1	4
" " Enteric (or Typhoid) fever	18	21	17	19	16	19	19	14	19	18	14	15	21
" " Simple Cont^{a} fever	8	6	5	4	11	4	6	6	7	2	4	3	1
" " Diarrhœa	119	95	92	50	45	36	32	18	19	15	14	21	17
" " Simple Cholera	2	7	2	—	—	3	—	—	—	—	—	—	1
" " Phthisis	133	126	178	152	150	163	167	155	142	131	149	142	151
" " Bronchitis	89	94	106	134	143	190	204	182	168	149	177	146	164
" " Pneumonia	43	56	76	81	78	80	104	91	93	81	71	76	81
" " Heart Disease	58	55	57	67	75	66	66	77	65	55	81	88	69
Mean Temperature of the Air	62·7°	54·3°	49·0°	52·4°	47·3°	44·4°	47·4°	49·7°	50·3°	37·9°	43·9°	48·0°	41·9°
Mean Temperature of the Water of the Thames	64·6°	63·4°	56·0°	54·5°	53·2°	49·7°	49·0°	49·1°	49·5°	46·5°	42·0°	45·1°	43·7°
Humidity of the Air	82	78	81	86	85	92	92	90	87	88	90	86	87
Rain-fall in inches	0·07	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70	0·77	1·13

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, th 7th day of December 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 7th Dec. 1872.	DEATHS registered during the Week ending 7th Dec. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5439	3198	52·4	23·8	39·5	4·17	0·64
LONDON	78,080	3,311,298	42·4	2274	1205	50·5	27·7	41·9	5·50	1·13
PORTSMOUTH	9,513	115,455	12·1	84	44	52·4	24·8	41·2	5·11	1·69
NORWICH	7,472	81,105	10·9	56	40	50·0	31·0	40·6	4·77	0·75
BRISTOL	4,688	186,428	39·8	136	74	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	56	27	47·4	26·1	39·0	3·89	0·48
BIRMINGHAM	7,831	350,164	44·7	295	181	47·5	27·5	39·7	4·28	0·61
LEICESTER	3,200	99,143	31·0	90	39	47·0	25·2	39·7	4·28	0·28
NOTTINGHAM	1,996	88,225	44·2	71	34	48·5	25·2	38·2	3·44	0·66
LIVERPOOL	5,108	499,897	97·9	369	254	48·1	28·3	40·2	4·55	0·37
MANCHESTER	4,486	352,759	78·6	300	193	49·2	24·0	39·8	4·33	0·63
SALFORD	5,172	127,923	24·7	125	57	50·5	23·8	38·9	3·83	0·50
OLDHAM	4,167	84,004	20·2	62	52	47·5	—	—	—	0·41
BRADFORD	6,590	151,720	23·0	115	85	—	—	—	—	—
LEEDS	21,572	266,564	12·4	250	142	48·0	29·0	40·4	4·66	0·33
SHEFFIELD	22,830	247,847	10·9	200	103	49·0	26·5	39·3	4·06	0·52
HULL	3,562	124,976	35·1	99	69	47·0	25·0	38·1	3·39	0·59
SUNDERLAND	3,396	100,665	30·4	104	54	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	98	56	46·0	28·0	37·7	3·17	0·45
EDINBURGH	4,427	205,146	46·3	130	83	50·0	24·7	38·3	3·50	0·15
GLASGOW	5,063	489,136	94·8	369	244	47·4	25·0	38·1	3·39	1·31
DUBLIN	9,745	310,565	31·9	156	162	51·0	27·5	40·9	4·94	0·62

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in Apr raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pr between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the ending Saturday the 7th day of December 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	22	2709	672	542	22	45	96	16	63	81	36	118	214
LONDON	19	1205	278	253	8	10	12	5	30	26	17	56	100
PORTSMOUTH	20	44	10	8	4	–	–	–	–	1	–	1	1
NORWICH	26	40	10	12	–	7	–	1	1	–	1	–	4
BRISTOL	21	74	22	16	2	–	3	1	–	2	–	4	5
WOLVERHAMPTON	20	27	9	6	–	–	4	–	–	–	3	–	–
BIRMINGHAM	27	181	42	38	1	2	13	2	4	6	2	9	20
LEICESTER	21	39	12	9	1	1	–	–	1	2	1	1	3
NOTTINGHAM	20	34	9	7	–	–	–	–	2	–	–	1	4
LIVERPOOL	27	254	78	58	–	10	5	4	5	6	2	17	21
MANCHESTER	29	193	39	24	3	8	23	–	1	9	2	4	15
SALFORD	23	57	20	6	–	1	2	–	–	2	–	1	5
OLDHAM	32	52	12	7	–	–	16	–	–	1	1	1	2
BRADFORD	29	85	28	17	–	1	2	1	1	1	1	3	8
LEEDS	28	142	31	35	–	1	7	–	5	6	1	6	10
SHEFFIELD	22	103	23	21	1	1	1	–	6	7	–	4	4
HULL	29	69	20	15	2	–	–	–	2	6	1	2	2
SUNDERLAND	28	54	19	7	–	3	–	2	5	–	1	5	6
NEWCASTLE-ON-TYNE	22	56	10	3	–	–	8	–	–	6	3	3	4
DUBLIN	27	162	20	47	3	2	3	1	6	4	2	2	2

Table 5.—Deaths Registered in London in the Forty-ninth Week of the Year 1872.

Causes of Death.	Average in the Forty-ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 7, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	40°8	41°9						
All Causes	1599·5	1205	454	71	199	228	208	45
Specified Causes	1590·1	1200	450	71	198	228	208	45
Zymotic Diseases.								
Order 1.								
Small-pox	29·3	8	1	3	4	-	-	-
Measles	47·7	10	10	-	-	-	-	-
Scarlet Fever (Scarlatina)	86·0	12	9	3	-	-	-	-
Diphtheria	10·7	5	2	3	-	-	-	-
Quinsy	1·0	1	-	1	-	-	-	-
Croup	15·6	14	14	-	-	-	-	-
Whooping-cough	50·2	30	30	-	-	-	-	-
Typhus / Enteric or Typhoid Fever / Simple continued Fever	61·2	4 / 21 / 1	1 / 2 / 1	1 / 7 / -	2 / 9 / -	- / 3 / -	- / - / -	- / - / -
Erysipelas	9·8	10	3	-	4	2	1	
Puerperal Fever (Metria)	3·6	8	-	-	8	-	-	-
Carbuncle	1·2	1	-	-	-	-	-	1
Influenza	1·0	-	-	-	-	-	-	-
Dysentery	1·8	1	-	-	1	-	-	-
Diarrhœa	14·5	17	13	-	-	2	1	1
Simple Cholera	·4	1	-	-	1	-	-	-
Ague	·3	1	1	-	-	-	-	-
Remittent Fever	·9	-	-	-	-	-	-	-
Rheumatism	9·8	6	-	1	3	2	-	-
Other *Zymotic* Diseases	·3	-	-	-	-	-	-	-
Order 2.								
Syphilis	5·2	8	7	-	1	-	-	-
Stricture of Urethra	·9	1	-	-	-	1	-	-
Hydrophobia	·1	-	-	-	-	-	-	-
Glanders	---	-	-	-	-	-	-	-
Order 3.								
Privation	1·1	-	-	-	-	-	-	-
Want of Breast-milk	7·9	4	4	-	-	-	-	-
Purpura and Scurvy	1·6	1	-	-	1	-	-	-
Delirium Tremens / Intemperance	1·3	3	-	-	1	2	-	-
Order 4.								
Thrush	2·6	4	4	-	-	-	-	-
Worms, &c.	·1	-	-	-	-	-	-	-
Constitutional Dis.								
Order 1.								
Gout	1·9	1	-	-	-	1	-	-
Dropsy	13·8	7	3	-	2	1	1	-
Cancer	29·5	30	-	-	3	16	10	1
Cancrum Oris (Noma)	·7	-	-	-	-	-	-	-
Mortification	3·0	5	1	-	1	-	2	1
Order 2.								
Scrofula	9·1	6	2	2	1	1	-	-
Tabes Mesenterica	16·9	15	15	-	-	-	-	-
Phthisis	167·7	151	2	9	77	56	7	-
Hydrocephalus	24·4	22	18	4	-	-	-	-
Local Diseases.								
Order 1.								
Encephalitis	13·9	25	17	5	2	-	-	1
Apoplexy	40·4	50	5	2	4	16	20	3
Paralysis	30·1	24	2	1	2	4	13	2
Insanity	3·1	3	-	-	2	-	1	-
Chorea	·3	1	-	-	1	-	-	-
Epilepsy	6·9	2	-	-	1	1	-	-
Convulsions	56·7	33	33	-	-	-	-	-
Brain Disease, &c.	18·2	16	3	-	3	2	8	-
Order 2.								
Pericarditis	2·9	3	-	1	2	-	-	-
Aneurism	2·2	4	-	-	3	1	-	-
Heart Disease, &c.	73·2	69	-	11	8	22	25	3
Order 3.								
Laryngitis	6·9	5	4	-	1	-	-	-
Bronchitis	238·4	164	76	2	6	29	45	6
Pleurisy	5·1	4	-	-	2	-	2	-
Pneumonia	109·3	81	44	6	9	14	8	-
Asthma	16·0	7	-	-	-	1	5	1
Lung Disease, &c.	20·9	20	8	-	1	4	7	-
Order 4.								
Gastritis	2·0	3	-	-	-	-	3	-
Enteritis	4·9	6	5	-	-	-	-	1
Peritonitis	4·9	5	-	1	3	-	1	-
Ascites	2·5	2	-	-	-	2	-	-
Ulceration of Intestines	3·7	2	-	-	-	2	-	-
Hernia	3·1	2	-	-	-	-	1	1
Ileus	3·5	4	2	-	1	-	1	-
Intussusception	1·4	2	1	-	-	-	1	-

Causes of Death.	Average in the Forty-ninth Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 7, 1872. Deaths of Persons of the Ages: All Ages.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature	40°8	41°9						
9. Stricture of Intestines	1·5	2	-	-	1	1	-	-
10. Fistula	·2	-	-	-	-	-	-	-
11. *Stomach Disease, &c.*	5·0	3	1	-	-	2	-	-
12. *Pancreas Disease, &c.*	---	-	-	-	-	-	-	-
13. Hepatitis	2·7	3	-	-	1	2	-	-
14. Jaundice	4·0	-	-	-	-	-	-	-
15. *Liver Disease, &c.*	17·3	14	-	-	3	5	6	-
16. *Spleen Disease, &c.*	·6	-	-	-	-	-	-	-
Order 5.								
1. Nephritis	1·5	-	-	-	-	-	-	-
2. Ischuria	·2	-	-	-	-	-	-	-
3. Bright's Disease (Nephria)	9·5	16	-	3	4	6	3	-
4. Diabetes	2·0	-	-	-	-	-	-	-
5. Calculus (Stone)	1·1	-	-	-	-	-	-	-
6. Cystitis	1·8	-	-	-	-	-	-	-
7. *Kidney Disease, &c.*	7·0	6	-	-	1	-	4	1
Order 6.								
1. Ovarian Dropsy	1·8	1	-	-	1	-	-	-
2. *Uterus Disease, &c.*	3·6	4	-	-	1	2	1	-
Order 7.								
1. Synovitis (Arthritis)	·6	-	-	-	-	-	-	-
2. *Joint Disease, &c.*	5·5	8	2	2	3	1	-	-
Order 8.								
1. Phlegmon	1·6	2	1	-	-	1	-	-
2. Ulcer	1·1	-	-	-	-	-	-	-
3. *Skin Disease, &c.*	1·0	1	1	-	-	-	-	-
IV. Developmental Diseases.								
Order 1.								
1. Premature Birth	19·9	31	31	-	-	-	-	-
2. Cyanosis	2·1	3	3	-	-	-	-	-
3. Spina Bifida	1·1	1	1	-	-	-	-	-
4. Other Malformations	1·9	5	5	-	-	-	-	-
5. Teething	14·2	13	13	-	-	-	-	-
Order 2.								
1. Paramenia	·3	-	-	-	-	-	-	-
2. Childbirth (*see* Puerperal Fever)	6·3	8	-	-	7	1	-	-
Order 3.								
1. Old Age	59·6	38	-	-	-	-	19	19
Order 4.								
1. Atrophy and Debility	59·8	39	33	-	-	-	6	-
V. Violent Deaths, &c.								
Order 1.								
(Accident or Negligence.)								
1. Fractures and Contusions	16·1	18	-	2	3	9	2	2
2. Wounds: Gunshot / Cut, Stab	·9	1 / 1	- / -	- / -	- / -	1 / -	- / 1	- / -
3. Burns and Scalds	8·5	3	2	1	-	-	-	-
4. Poison	·9	-	-	-	-	-	-	-
5. Drowning	3·7	10	-	-	4	5	1	-
6. Suffocation	10·5	10	10	-	-	-	-	-
7. Otherwise	2·4	4	1	-	1	1	1	-
Order 3.								
(Homicide.)								
1. Murder and Manslaughter	2·7	1	1	-	-	-	-	-
Order 4.								
(Suicide.)								
1. Wounds: Gunshot / Cut, Stab	·4 / 1·5	1 / 2	- / -	- / -	1 / 1	- / 1	- / -	- / -
2. Poison	·6	1	-	-	-	1	-	-
3. Drowning	·8	-	-	-	-	-	-	-
4. Hanging	1·0	-	-	-	-	-	-	-
5. Otherwise	·1	-	-	-	-	-	-	-
Order 5.								
(Execution.)								
1. Hanging	---	-	-	-	-	-	-	-
Violent Deaths (not classed)	·1	4	2	-	-	2	-	-
Sudden Deaths (Cause unascertained)	2·5	-	-	-	-	-	-	-
Causes not specified or ill-defined	6·9	5	4	-	1	-	-	-

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week e

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2274	1205	278	253	8	10	12	5	30	4	21	1	17	56	100
WEST DISTRICTS	561,189	342	192	44	41	–	2	1	1	5	1	4	–	1	7	17
NORTH DISTRICTS	751,668	515	268	56	67	3	4	6	2	8	2	7	–	4	12	23
CENTRAL DISTRICTS	333,687	189	115	23	29	–	1	–	–	1	–	2	–	2	9	14
EAST DISTRICTS	638,928	514	254	66	52	–	1	2	–	7	–	3	–	6	10	21
SOUTH DISTRICTS	966,132	714	376	80	64	5	2	3	2	9	1	5	1	4	18	25
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	31	15	3	3	–	–	–	–	1	–	–	–	–	2	4
St. John Paddington H	38082	17	6	–	2	–	–	–	–	–	–	–	–	–	–	–
Kensington Town *WL*	91583	37	31	8	7	–	1	–	–	1	–	–	–	1	1	2
Brompton H	28651	14	7	3	–	–	–	–	–	–	–	1	–	–	–	–
St. Peter Hammersmith	6662	7	4	–	3	–	–	–	–	–	–	–	–	–	–	–
St. Paul Hammersmith H	36930	23	15	2	–	–	–	–	–	–	–	1	–	–	1	2
Fulham *WLLLL*	23378	24	8	2	1	–	–	–	–	1	–	1	–	–	–	1
Chelsea South HH	26419	13	9	2	4	–	–	–	1	–	–	–	–	–	1	3
Chelsea North-west H*w*	23278	19	13	5	–	–	–	–	–	–	–	1	–	–	1	2
Chelsea North-east L	21389	12	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Hanover Square	18700	13	6	1	5	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	11	3	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	25	20	7	3	–	1	1	–	1	–	–	–	–	–	–
St. John Westminster HHH	38470	18	12	3	3	–	–	–	–	–	–	–	–	–	–	–
St. Margaret Westminster *WW*HH	27640	8	22	6	3	–	–	–	–	1	–	1	–	–	1	1
St. James's Square	10453	5	6	–	3	–	–	–	–	–	–	–	–	–	–	2
Golden Square *W*	12855	2	4	1	2	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	5	2	–	1	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	8	6	1	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28374	17	10	2	2	–	–	–	–	–	–	1	–	–	–	–
Cavendish Square	15419	7	7	1	3	1	1	–	–	–	–	–	–	–	1	–
Rectory Marylebone *WH*	26387	12	15	1	3	–	–	–	–	–	–	1	–	–	–	1
St. Mary Marylebone H	21795	23	6	1	–	–	–	1	–	–	–	–	–	–	–	–
Christchurch Marylebone	33892	18	13	2	4	–	–	1	–	1	–	–	–	1	–	1
St. John Marylebone	33110	17	15	6	3	–	–	–	–	–	–	–	–	1	–	–
Hampstead *W*HHH	32271	18	11	1	2	–	1	–	–	–	–	1	–	–	–	–
Regent's Park Pancras	38192	22	12	3	5	–	–	–	–	–	–	–	–	–	1	1
Tottenham-court *w*H	29360	9	12	3	3	–	–	–	–	1	–	–	–	–	2	2
Gray's Inn Lane H	29216	18	16	1	7	–	–	1	–	–	–	–	–	–	3	4
Somers Town	38562	21	10	2	2	–	–	–	–	1	–	–	–	–	–	–
Camden Town *W*	18066	16	10	3	5	–	–	–	–	–	–	–	–	–	2	3
Kentish Town *W*	68198	56	23	7	6	–	2	–	1	–	–	–	–	–	1	2
Islington West HHH	97801	65	17	3	3	–	–	–	1	1	–	–	–	–	–	2
Islington East *W*ww*w*H	115948	109	37	8	12	–	–	1	–	2	1	–	–	2	–	4
Stoke Newington L	9810	9	4	1	–	–	–	–	–	1	–	–	–	–	–	–
Stamford Hill	6599	4	3	2	–	–	–	–	–	1	–	–	–	–	–	–
West Hackney	28076	30	9	2	1	–	–	–	–	–	–	1	–	–	1	–
Hackney *W*HHL	50087	26	24	5	4	2	–	1	–	–	–	4	–	–	1	2
South Hackney L	30305	18	14	2	2	–	–	1	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	6	5	1	–	–	–	–	–	–	–	–	–	–	1	–
St. Giles South *W*H	19089	16	8	1	3	–	–	–	–	–	–	–	–	–	1	1
St. Giles North	16497	7	6	1	2	–	–	–	–	–	–	–	–	–	–	1
Long Acre	11326	8	5	1	1	–	–	–	–	–	–	–	–	–	–	1
Charing Cross H	9831	4	6	3	2	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	3	4	1	3	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	5	6	1	1	–	–	–	–	–	–	1	–	–	–	–
St. George-the-Martyr HHH	20521	13	6	1	3	–	–	–	–	–	–	–	–	–	–	1
St. Andrew Eastern *W*	13528	1	5	–	1	–	–	–	–	–	–	–	–	1	–	–
Saffron Hill	9051	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	15	8	2	–	–	–	–	–	–	–	–	–	1	1	2
Amwell Clerkenwell	16878	9	2	1	–	–	–	–	–	–	–	–	–	–	1	1
Pentonville	13293	7	3	3	–	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	9	4	2	2	–	–	–	–	1	–	–	–	–	–	–
Old-street H	12156	9	6	1	1	–	–	–	–	–	–	1	–	–	–	–
City-road *W*HHL	18291	23	5	–	1	–	1	–	–	–	–	–	–	–	–	1
Whitecross-street	13790	13	4	3	–	–	–	–	–	–	–	–	–	–	1	1
Finsbury	10732	7	4	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Botolph HH	14484	7	4	–	1	–	–	–	–	–	–	–	–	–	1	1
Cripplegate	13639	8	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	2	13	1	4	–	–	–	–	–	–	–	–	–	3	3
St. Bride *W*	11184	1	4	–	2	–	–	–	–	–	–	–	–	–	–	–
Castle Baynard	4389	1	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	6	2	–	1	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 7th December 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
eonard Shoreditch HL†	16545	17	6	2	-	-	-	-	-	-	-	-	-	-	-	1	1
on New Town *w*	27832	21	8	-	5	-	-	-	-	-	-	-	-	-	-	-	3
on Old Town	26944	22	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
gerstone West *W*	24153	16	14	5	5	-	-	1	-	-	-	-	-	-	-	-	4
gerstone East	19257	18	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ney-road	29808	34	9	4	2	-	-	-	-	-	-	-	-	1	-	-	-
n, Bethnal Green WHL†	42443	31	19	4	3	-	-	-	-	-	-	1	-	-	1	3	4
rch, Bethnal Green	26574	21	7	3	1	-	-	-	-	1	-	-	-	-	-	1	-
n, Bethnal Green	21375	16	5	-	1	-	-	-	-	1	-	1	-	-	-	-	-
llery Whitechapel	6651	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ltfields	15844	12	7	5	1	-	-	-	-	-	-	-	-	-	-	1	-
End New Town *W*	15550	11	6	2	-	-	-	-	-	-	-	-	-	-	-	1	4
echapel North	11434	11	5	2	-	-	-	-	-	1	-	-	-	1	-	-	-
echapel Church H	7323	13	12	1	3	-	-	-	-	-	-	1	-	-	3	3	11
dman's Fields	10381	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	9149	3	7	4	1	-	-	-	-	1	-	-	-	-	-	-	-
Mary St. George East	17906	12	6	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Paul St. George East	21356	27	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
John St. George East *W*	8973	8	15	-	4	-	-	-	-	-	-	-	-	-	-	-	12
dwell	11623	6	10	3	2	-	-	-	-	-	-	-	-	1	1	1	-
cliff H	15930	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	2
chouse *W*	30025	23	11	3	2	-	-	1	-	1	-	-	-	-	-	1	-
End Old Town West	38126	29	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
End Old Town East *WwH*	55020	35	19	4	7	-	-	-	-	-	-	-	-	2	1	1	4
*WwH*L†	67777	53	33	10	10	-	1	-	-	1	-	-	-	-	-	2	8
dar *WW*	48500	45	20	3	3	-	-	-	-	1	-	-	-	-	4	6	-
SOUTH DISTRICTS.																	
istchurch Southwark *W*	14547	7	8	1	5	-	-	-	-	-	-	-	-	-	-	-	4
aviour Southwark H	15667	10	7	3	-	-	-	-	-	-	-	-	-	-	-	-	1
t-road	20430	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ough-road *WH*	16694	16	7	2	3	-	-	-	-	-	-	-	-	1	-	-	4
don-road L	18959	17	7	-	1	-	-	-	-	-	-	-	-	-	-	1	-
ity Newington	23673	16	8	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Peter Walworth *W*	48232	53	24	11	3	-	-	-	-	1	-	-	-	-	1	-	9
Mary Newington	16786	10	5	-	2	-	-	-	-	1	-	-	-	-	-	1	-
Olave Southwark H	4157	1	11	-	-	-	-	-	-	-	-	-	-	-	7	7	10
John Horsleydown *W*	10595	2	3	1	-	-	-	-	-	-	-	-	-	-	1	1	2
ther Market	16785	14	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Mary Magdalen *W*	15707	11	7	3	1	-	-	-	-	1	-	-	-	1	-	-	1
James Bermondsey	47921	56	24	7	3	-	-	-	-	1	-	-	-	-	2	3	-
herhithe *W*	25873	25	12	4	4	-	-	-	-	-	-	-	-	-	2	2	-
terloo-road 1st H	14086	12	4	1	-	-	-	-	-	1	-	-	-	-	1	2	-
terloo-road 2nd H	18453	27	10	3	2	-	-	-	-	1	-	-	-	-	2	2	-
nbeth Church 1st H	19470	15	18	2	3	-	-	-	-	1	-	-	1	-	2	3	3
nbeth Church 2nd *W*	35831	30	9	3	2	-	-	1	-	-	-	-	-	-	-	-	1
nnington 1st *W*	41284	15	7	-	2	-	-	-	-	-	-	1	-	-	-	-	-
nnington 2nd	31213	17	14	2	4	-	-	-	1	-	-	2	-	-	-	-	-
xton HL	35431	20	15	1	2	3	-	-	-	1	-	-	-	-	-	-	5
rwood *W*	12534	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
pham HL	27348	8	7	-	1	-	1	1	-	1	-	-	-	1	-	-	-
tersea *W*	53988	42	29	6	4	-	-	-	-	-	1	-	-	-	-	1	3
ndsworth HL	19797	16	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2
ney	9433	6	7	3	-	-	-	-	1	-	-	-	-	-	-	1	-
eatham	14479	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
lwich	4041	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nberwell WL†L†	31251	25	11	-	3	-	-	-	-	-	-	-	-	-	-	-	6
kham *W*	42159	28	16	4	2	1	-	1	-	-	-	1	-	-	-	-	-
George Camberwell	33851	31	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Paul Deptford	53696	29	10	1	5	-	-	-	-	-	-	-	-	-	-	-	-
Nicholas Deptford	6487	5	3	1	-	-	-	-	-	1	-	-	-	1	-	-	-
enwich West	21098	15	8	2	2	-	-	-	-	-	-	-	-	-	-	-	7
enwich East *WH*	19320	13	13	2	2	1	-	-	-	-	-	-	-	-	-	-	-
ham	4528	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e	16430	21	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
wisham Village *W*	11508	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
lenham	19016	19	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
rlton H	9503	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
olwich Dockyard	17229	16	11	1	2	-	1	-	-	-	-	-	-	-	-	-	-
olwich Arsenal H	18319	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
mstead, West	13028	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead, East *W*	15290	11	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-

following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 7th DECEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°						lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	1	..	29·019	50·5	41·0	9·5	46·0	43·5	62·5	33·1	46·6	44·8	2·5	5·7	0·9	+ 3·9	91	SSW. & S.	SSW, S, & SSE	3·3	0·0	0·3	257	0·14	..
MONDAY . .	2	Greatest Dec. S.	29·348	48·8	38·6	10·2	44·1	42·9	55·7	31·0	46·2	44·0	1·2	3·4	0·0	+ 1·9	96	Calm & E.	E. & NNE.	4·2	0·0	0·2	251	0·13	..
TUESDAY .	3	Perigee	29·326	46·1	41·9	4·2	44·0	41·8	48·0	41·0	45·6	43·7	2·2	2·9	2·0	+ 1·7	92	NNE.	N. by E.	3·9	0·0	0·7	385	0·14	..
WEDNESDAY	4	..	29·635	41·9	33·0	8·9	37·2	32·7	62·2	26·1	45·4	43·2	4·5	7·4	2·8	— 5·0	84	N. by E.	N. by E. & N.	4·6	0·0	0·8	406	0·00	..
THURSDAY .	5	..	29·689	45·5	27·7	17·8	35·1	29·2	54·0	19·9	44·6	41·8	5·9	10·3	2·0	— 7·1	79	W. & WSW.	SW. & SSW.	8·2	0·0	0·4	331	0·15	..
FRIDAY . .	6	..	29·297	48·7	41·8	6·9	44·7	39·5	60·4	35·0	43·3	40·3	5·2	7·8	2·4	+ 2·6	82	WSW.	SW. & SSW.	4·0	0·0	0·7	396	0·13	..
SATURDAY .	7	First Qr.	29·344	45·5	39·0	6·5	42·1	38·2	63·8	30·7	42·8	39·8	3·9	5·9	2·1	+ 0·1	86	NE, NW, & W.	WSW.	3·4	0·0	0·6	404	0·44	..
MEANS . .		..	29·380	46·7	37·6	9·1	41·9	38·3	58·1	31·0	44·9	42·5	3·6	6·2	1·7	— 0·3	87	WSW. & NNE.		..	..	..	Sum 2430	Sum 1·13	..
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. DECEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	1	No observations. Exploring wire not replaced.	The amount of cloud very variable throughout. Frequent showers of rain.
MONDAY .	2		Fine, though cloudy in early morning. Overcast after mid-day; and rain fell at night.
TUESDAY .	3		Overcast, dull, and rain fell almost continuously throughout.
WEDNESDAY	4		Nearly cloudless and very fine throughout the day.
THURSDAY .	5	Apparatus being adjusted and cleaned.	Light clouds prevalent till noon. Overcast after 3h. P.M. Rain and very strong wind at night.
FRIDAY .	6		Very fine and nearly cloudless till 1h. P.M. Dense clouds prevalent at night, and rain fell heavily after 10h. P.M.
SATURDAY .	7	No electricity shown.	Heavy rain till 3h. A.M., and a shower about 8h. P.M. Very fine though generally cloudy till night. Cloudless after 9h. P.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and − "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 28·70 in. at the beginning of the week to 29·39 in. by 9h. A.M. on the 2nd; decreased to 29·27 in. by 9h. A.M. on the 3rd; increased to 29·83 in. by 9h. A.M. on the 5th; decreased to 29·32 in. by 9h. A.M. on the 6th; increased to

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS
OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 50. 1872. Vol. XXXIII.] Week ending Saturday, December 14. [Price 1*d.*

General Register Office, Somerset House,
16th December 1872.

United Kingdom.

During the week ending Saturday last, 5155 *births* and 3309 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 21 per 1000 persons living in Edinburgh, 31 in Glasgow, and 30 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 15, Norwich 32, Bristol 23, Wolverhampton 23, Birmingham 25, Leicester 31, Nottingham 22, Liverpool 24, Manchester 34, Salford 27, Oldham 30, Bradford 27, Leeds 25, Sheffield 26, Hull 29, Sunderland 24, and Newcastle-upon-Tyne 28. The fatal cases of scarlet fever in these towns, which in the three previous weeks had been 105, 99, and 96, further declined last week to 87; the annual death-rate from this disease was equal to 8 per 1000 in Oldham, 4 in Newcastle-upon-Tyne, and 2 each in Wolverhampton and Manchester. Measles showed fatal prevalence in Norwich and Manchester, and the deaths from fever were excessive in Sheffield, Bradford, and Hull.

London.

In London 2225 births and 1199 deaths were registered. After making due allowance for increase of population, the births were 90, and the deaths so many as 523, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the two previous weeks had been equal to but 19 per 1000, was again 19 last week. The rate, after distribution of the deaths in institutions in proportion to population, was 16 per 1000 in the West, 18 in the North, 21 in the Central, 21 in the East, and 19 in the South groups of Districts.

The 1199 deaths included 5 from small-pox, 11 from measles, 17 from scarlet fever, 3 from diphtheria, 38 from whooping-cough, 28 from different forms of fever (of which one was certified as typhus, 21 as enteric or typhoid, and 6 as simple continued fever), and 13 from diarrhœa; thus to the seven principal diseases of the zymotic class 115 deaths were referred, against 107 and 108 in the two preceding weeks. The deaths from these diseases, in the aggregate, were no less than 212 below the corrected average number in the corresponding week of the last ten years. Three deaths from measles were, however, returned in St. George Camberwell sub-district, and 2 in Limehouse; 2 from scarlet fever in Hackney, Bethnal Green, and Waterloo Road Second sub-districts. The fatal cases of whooping-cough showed a further slight increase upon those returned in recent weeks, and included 3 in Kentish Town and 3 in St. Peter Walworth. From enteric fever 3 deaths were returned in Bow, and 2 in Regent's Park sub-districts, while 2 were referred to simple continued fever both in Somers Town and West Hackney.

The deaths from small-pox, which had been 8 in each of the two previous weeks, were but 5 last week, of which 2 each occurred in Bow and Poplar; one each were returned as "vaccinated" and "not stated," while the 3 others were of "unvaccinated" children aged between 5 and 20 years of age.

The mean temperature of the air at the Royal Observatory, Greenwich, was 38°·6, and 2°·3 below the average for the corresponding week in 50 years; the mean on Thursday was only 31°·3, showing a deficiency of 9°·3. Rain was measured on four days, to the aggregate amount of ·74 of an inch.

Diseases of the respiratory organs and phthisis caused 414 deaths, against 408 and 432 in the two preceding weeks, and were 196 below the corrected average number in the corresponding week of the last ten years.

To puerperal fever 7 deaths were referred, although not one resulted from any of the other diseases incidental to childbirth; the corrected average weekly number of deaths from childbirth and puerperal fever is 10.*

To different forms of violence 39 deaths were referred; 33 were the result of negligence or accident, including 9 from fractures and contusions, 8 from burns and scalds, 3 from drowning, 2 from poison, and 9 (including 7 of infants under one year of age) from suffocation. The death of a retired linen draper, aged 84 years, was referred to "coma, 38 hours after the administration of ether for a surgical operation." Two cases of suicide, 2 of infanticide, and one of execution by hanging, were registered.

Two of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 51 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 15th instant; of these, 44 occurred in the Metropolitan and 7 in the City Police Districts.

In the large Public Institutions 213 deaths were recorded, or 18 per cent. of the total deaths; of these, 130 occurred in Workhouses, and 74 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending November 12th were 293, including 115 from remittent fever, and the annual death-rate was equal to 24 per 1000. In Calcutta 269 deaths were returned in the week ending November 2nd. In Madras the 252 deaths in the week ending 15th ultimo showed an annual death-rate equal to 33 per 1000.

Foreign Cities.

In Paris 759 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 94 deaths occurred in the week ending the 7th instant, and the annual death-rate was 27 per 1000. In Berlin during the week ending 5th instant, 419 deaths were recorded, showing an annual rate of 26 per 1000; the deaths referred to enteric fever were 32, against 49 and 36 in the two preceding weeks. In Vienna the 412 deaths in the week ending the 7th instant gave an annual rate of 35 per 1000. In Rome 159 deaths were registered in the week ending 1st instant, and the annual death-rate was 34 per 1000.

In the City of New York 439 deaths were registered in the week ending 23rd November, and the equivalent annual rate of mortality was 24 per 1000. In Philadelphia 205 deaths were returned during the same week, equal to a death-rate of 16 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·28 in.; the highest reading was 29·84 in. on Thursday at noon, and the lowest 28·60 in. on Tuesday evening. The mean temperature of the *air* was 38°·6, or 2°·3 below the average in the corresponding week of the 50 years 1814-63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean showed an excess on Sunday and Monday, while it was below the average on each of the last five days of the week; on Sunday 8th the mean was 44°·3, and 2°·6 above the average, while on Thursday it was but 31°·3, and 9°·3 below the average. The highest day temperature in the shade was 49°·3 on Sunday, and the lowest night temperature 27°·1 on Thursday; the extreme range in the week was, therefore, 22°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 62°·5 on Monday. The difference between the mean *dew-point* and *air* temperature averaged 3°·3. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 39°·3. The mean degree of *humidity* of the air was 88, complete saturation being represented by 100. The general direction of the *wind* was W.S.W. and S.W., and the horizontal movement of the air averaged 17 miles per hour. *Rain* fell on Sunday, Tuesday, Friday, and Saturday, to the amount of ·74 of an inch.

The mean temperature of the week in the other large English towns furnishing returns ranged from 34°·3 in Hull to 39°·6 in Portsmouth; the lowest recorded night temperature was 23°·0 in Hull, and the highest day temperature in the shade 51°·2 in Portsmouth. Rain was measured in each of the towns; the amounts varied from ·62 of an inch in Birmingham, to 1·24 inches in Sheffield.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 398,595 cubic metres, and at Barking 321,256 cubic metres, equivalent to about as many tons by weight.

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* Medical men in certifying the cause of Death are particularly requested to attend to the following instruction in their Certificate Book:—"*Whenever childbirth has occurred within one month before death it should be registered in connection with the Cause of Death:—Thus* "'*Childbirth, 4 days; peritonitis, 3 days.*'" It is wrong to return "peritonitis" alone.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTIETH Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1886	2100	1952	2098	2074	2146	2183	2229	2111	2263	2104·2	2225
Males . .	953	1112	951	1096	1029	1127	1145	1145	1092	1134	1079·4	1142
Females .	933	988	1001	1002	1045	1019	1038	1084	1019	1129	1025·8	1083
TOTAL **Deaths**	1408	1357	1449	1440	1389	1700	1486	1566	1737	2121	1565·3	1199
Males . .	700	702	736	750	714	860	755	793	897	1036	794·3	636
Females .	708	655	713	690	675	840	731	773	840	1085	771·0	563

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.
TOTAL **Deaths** - - -	1106	1279	1276	1218	1369	1381	1306	1181	1183	1277	1221	1205	1199
Deaths under 5 years of age -	484	557	541	512	579	548	508	463	468	484	453	454	450
Deaths 5—20 - - -	82	85	84	81	98	70	84	81	76	88	70	71	82
Deaths 20—40 - - -	151	190	197	199	206	213	187	161	167	188	179	199	151
Deaths 40—60 - - -	177	202	202	194	232	251	240	219	222	237	243	228	231
Deaths 60—80 - - -	174	213	212	181	203	240	255	212	211	228	224	208	243
Deaths at 80 years & upwards	38	32	40	51	51	59	32	45	39	52	52	45	42
Deaths from Small-pox - - -	5	9	10	7	17	6	14	15	13	13	8	8	5
,, ,, Measles - -	10	12	9	7	15	4	12	11	7	11	15	10	11
,, ,, Scarlet fever -	12	17	20	21	17	22	21	14	14	23	13	12	17
,, ,, Diphtheria -	5	5	5	5	12	9	2	3	6	5	4	5	3
,, ,, Whooping-cough	31	38	31	34	37	31	28	25	32	26	27	30	38
,, ,, Typhus fever -	3	4	6	4	3	3	4	2	2	1	1	4	1
,, ,, Enteric (or Typhoid) fever -	21	17	19	16	19	19	14	19	18	14	15	21	21
,, ,, SimpleContæfever	6	5	4	11	4	6	6	7	2	4	3	1	6
,, ,, Diarrhœa - -	95	92	50	45	36	32	18	19	15	14	21	17	13
,, ,, Simple Cholera -	7	2	—	—	3	—	—	—	—	—	—	1	—
,, ,, Phthisis - -	126	173	152	150	163	167	155	142	131	149	142	151	135
,, ,, Bronchitis - -	94	106	134	143	190	204	182	168	149	177	146	164	159
,, ,, Pneumonia -	56	76	81	78	80	104	91	93	81	71	76	81	84
,, ,, Heart Disease -	55	57	67	75	66	66	77	65	55	81	88	69	65
Mean Temperature of the Air	54·3°	49·0°	52·4°	47·3°	44·4°	47·4°	49·7°	50·3°	37·9°	43·9°	48·0°	41·9°	38·6°
Mean Temperature of the Water of the Thames -	63·4	56·0	54·5	53·2	49·7	49·0	49·1	49·5	46·5	42·0	45·1	43·7	39·3
Humidity of the Air - -	78	81	86	85	92	92	90	87	88	90	86	87	88
Rain-fall in inches - -	0·10	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70	0·77	1·13	0·74

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday th 14th day of December 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 14th Dec. 1872.	DEATHS registered during the Week ending 14th Dec. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN F In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5155	3309	51·2	23·0	36·4	2·44	0·81
LONDON	78,080	3,311,298	42·4	2225	1199	49·3	27·1	38·6	3·66	0·74
PORTSMOUTH	9,513	115,455	12·1	61	34	51·2	25·2	39·6	4·22	0·74
NORWICH	7,472	81,105	10·9	59	50	47·0	27·5	36·4	2·44	1·22
BRISTOL	4,688	186,428	39·8	112	82	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	54	31	46·4	25·7	36·5	2·50	0·73
BIRMINGHAM	7,831	350,164	44·7	249	165	48·2	27·0	37·1	2·84	0·62
LEICESTER	3,200	99,143	31·0	91	59	45·7	25·5	35·3	1·84	0·90
NOTTINGHAM	1,993	88,225	44·2	43	38	46·8	24·9	35·8	1·84	0·91
LIVERPOOL	5,108	499,897	97·9	334	234	46·8	30·1	37·4	3·00	0·89
MANCHESTER	4,486	352,759	78·6	289	233	45·0	28·0	36·3	2·39	0·91
SALFORD	5,172	127,923	24·7	99	67	46·1	25·0	36·1	2·28	1·03
OLDHAM	4,167	84,004	20·2	63	48	49·0	—	—	—	0·64
BRADFORD	6,590	151,720	23·0	122	78	46·6	28·7	36·9	2·72	0·80
LEEDS	21,572	266,564	12·4	170	126	46·0	28·0	37·4	3·00	0·83
SHEFFIELD	22,830	247,847	10·9	202	124	46·0	27·5	35·9	2·17	1·24
HULL	3,562	124,976	35·1	92	70	43·0	23·0	34·3	1·28	0·89
SUNDERLAND	3,306	100,665	30·4	76	47	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	91	71	40·0	27·0	35·3	1·84	1·12
EDINBURGH	4,427	205,146	46·3	147	84	45·0	25·7	35·5	1·95	0·00
GLASGOW	5,063	489,136	94·8	393	293	41·5	24·4	34·4	1·33	0·15
DUBLIN	9,745	310,565	31·9	183	176	44·0	26·5	36·1	2·28	1·00

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in Apr raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pre between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the ending Saturday the 14th day of December 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	23	2756	686	586	17	54	87	8	70	91	39	97	176
LONDON	19	1199	286	285	5	11	17	3	38	28	13	39	86
PORTSMOUTH	15	34	6	11	3	–	–	1	–	1	1	1	2
NORWICH	32	50	10	14	–	10	–	–	1	1	1	1	2
BRISTOL	23	82	15	25	1	–	–	–	2	3	2	4	7
WOLVERHAMPTON	23	31	8	5	–	–	3	–	–	–	1	2	2
BIRMINGHAM	25	165	47	31	3	3	12	–	10	1	4	8	15
LEICESTER	31	59	15	15	–	–	–	–	4	3	1	1	4
NOTTINGHAM	22	38	11	5	–	–	–	–	1	2	–	–	3
LIVERPOOL	24	234	77	34	–	11	1	2	2	7	1	12	7
MANCHESTER	34	233	43	42	–	15	16	–	1	9	5	10	19
SALFORD	27	67	15	10	–	1	3	2	–	3	2	2	2
OLDHAM	30	48	11	5	–	–	13	–	–	–	–	2	4
BRADFORD	27	78	23	10	1	1	–	–	–	6	3	2	6
LEEDS	25	126	38	25	2	1	8	–	1	4	–	1	2
SHEFFIELD	26	124	37	21	1	–	2	–	4	15	1	6	8
HULL	29	70	18	17	1	–	1	–	–	4	–	3	3
SUNDERLAND	24	47	10	12	–	1	–	–	6	–	2	2	2
NEWCASTLE-ON-TYNE	28	71	12	19	–	–	11	–	–	4	2	1	2
DUBLIN	30	176	27	42	3	1	3	–	4	13	2	10	4

Table 5.—Deaths Registered in London in the Fiftieth Week of the Year 1872.

Causes of Death.	Average in the Fiftieth Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 14, 1872. Deaths of Persons of the Ages: All Ages.	Under 20. Mean Tem.	0–5.	5–20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
Mean Temperature	42°5	38°6							
ALL CAUSES	1565·3	1199	450	82	151	231	243	42	
SPECIFIED CAUSES	1553·2	1186	442	82	150	230	240	42	
ZYMOTIC DISEASES.									
Order 1.									
Small-pox	27·4	5	1	4	–	–	–	–	
Measles	44·6	11	10	1	–	–	–	–	
Scarlet Fever (Scarlatina)	86·4	17	11	6	–	–	–	–	
Diphtheria	10·8	3	2	1	–	–	–	–	
Quinsy	·5	2	1	–	1	–	–	–	
Croup	17·1	13	15	3	–	–	–	–	
Hooping-cough	53·6	33	33	–	–	–	–	–	
Rubhus		1	–	–	1	–	–	–	
Enteric or Typhoid Fever	59·6	21	6	5	4	5	1	–	
Simple continued Fever		6	1	2	–	2	1	–	
Erysipelas	8·4	9	1	–	1	3	3	1	
Puerperal Fever (Metria)	3·5	7	–	–	7	–	–	–	
Carbuncle	·8	–	–	–	–	–	–	–	
Influenza	1·6	1	–	–	–	–	1	–	
Mesentery	1·0	–	–	–	–	–	–	–	
Diarrhœa	14·7	13	10	–	1	–	2	–	
Simple Cholera	·5	–	–	–	–	–	–	–	
Fever	·3	–	–	–	–	–	–	–	
Intermittent Fever	1·0	–	–	–	–	–	–	–	
Rheumatism	10·1	7	–	1	2	3	–	1	
Other *Zymotic* Diseases	·6	–	–	–	–	–	–	–	
Order 2.									
Syphilis	6·6	7	6	–	1	–	–	–	
Stricture of Urethra	1·3	1	–	–	–	–	1	–	
Hydrophobia	·4	–	–	–	–	–	–	–	
Cancers	·1	–	–	–	–	–	–	–	
Order 3.									
Privation	·4	1	–	–	–	–	1	–	
Want of Breast-milk	8·0	9	9	–	–	–	–	–	
Marasmus and Scurvy	1·6	2	2	–	–	–	–	–	
Decomposition of *a* Del. Tremens	1·5	2	–	–	2	–	–	–	
Delirium *b* Intemperance	1·5	2	–	–	1	1	–	–	
Order 4.									
Thrush	2·9	–	–	–	–	–	–	–	
Worms, &c.	·2	–	–	–	–	–	–	–	
CONSTITUTIONAL DIS.									
Order 1.									
Gout	1·7	3	–	–	–	1	2	–	
Dropsy	15·2	14	2	–	1	6	5	–	
Cancer	29·9	34	–	–	5	14	15	–	
Cancrum Oris (Noma)	·4	–	–	–	–	–	–	–	
Mortification	3·9	5	–	–	–	2	3	–	
Order 2.									
Scrofula	7·7	12	8	4	–	–	–	–	
Tabes Mesenterica	16·1	21	20	1	–	–	–	–	
Phthisis	160·6	135	3	15	61	47	8	1	
Hydrocephalus	27·2	20	18	2	–	–	–	–	
LOCAL DISEASES.									
Order 1.									
Encephalitis	11·4	14	7	2	2	2	1	–	
Apoplexy	40·2	43	4	–	5	14	16	4	
Paralysis	32·7	30	–	–	3	11	14	2	
Insanity	3·0	1	–	–	–	–	1	–	
Chorea	·2	–	–	–	–	–	–	–	
Epilepsy	6·8	4	–	1	2	–	1	–	
Convulsions	51·1	50	49	1	–	–	–	–	
Pertain *Disease, &c.*	17·7	10	1	1	1	2	5	–	
Order 2.									
Pericarditis	2·3	3	–	2	1	–	–	–	
Aneurism	2·8	2	–	–	–	2	–	–	
Heart *Disease, &c.*	68·0	65	–	6	8	27	22	2	
Order 3.									
Laryngitis	7·8	8	6	–	–	1	1	–	
Bronchitis	234·5	159	55	5	7	30	55	7	
Pleurisy	3·7	3	2	–	1	–	–	–	
Pneumonia	112·0	84	50	7	9	10	8	–	
Asthma	14·6	11	–	–	–	6	5	–	
Lung *Disease, &c.*	21·7	14	6	–	1	4	3	–	
Order 4.									
Gastritis	1·0	2	–	–	–	2	–	–	
Enteritis	4·5	4	–	–	1	1	2	–	
Peritonitis	5·4	7	–	2	3	1	1	–	
Ascites	3·0	1	–	–	–	–	1	–	
Ulceration of Intestines	2·3	3	–	1	–	1	1	–	
Hernia	5·7	3	–	–	–	1	2	–	
Ileus	2·7	6	1	–	3	1	1	–	
Intussusception	·9	2	–	–	–	2	–	–	
Mean Temperature	42°5	38°6							
Stricture of Intestines	·9	1	–	–	–	1	–	–	
Fistula	·7	1	–	–	–	–	1	–	
Stomach Disease, &c.	6·5	8	2	–	–	2	3	1	
Pancreas Disease, &c.	–	–	–	–	–	–	–	–	
Hepatitis	2·3	3	–	–	1	1	1	–	
Jaundice	2·7	4	1	–	–	2	1	–	
Liver Disease, &c.	13·2	10	–	–	4	4	2	–	
Spleen Disease, &c.	·1	–	–	–	–	–	–	–	
Order 5.									
Nephritis	1·8	1	–	1	–	–	–	–	
Ischuria	·4	1	–	–	–	–	–	1	
Bright's Disease (Nephria)	7·5	12	–	–	2	3	7	–	
Diabetes	1·5	–	–	–	–	–	–	–	
Calculus (Stone)	·3	–	–	–	–	–	–	–	
Cystitis	1·0	1	–	–	–	–	1	–	
Kidney Disease, &c.	8·4	4	–	–	1	1	2	–	
Order 6.									
Ovarian Dropsy	·5	–	–	–	–	–	–	–	
Uterus Disease, &c.	4·2	4	–	–	–	3	1	–	
Order 7.									
Synovitis (Arthritis)	·3	–	–	–	–	–	–	–	
Joint Disease, &c.	5·0	9	2	3	–	2	2	–	
Order 8.									
Phlegmon	2·7	3	1	–	1	1	–	–	
Ulcer	1·1	–	–	–	–	–	–	–	
Skin Disease, &c.	1·2	3	3	–	–	–	–	–	
IV. DEVELOPMENTAL DISEASES.									
Order 1.									
Premature Birth	19·4	23	23	–	–	–	–	–	
Cyanosis	2·5	3	3	–	–	–	–	–	
Spina Bifida	1·0	–	–	–	–	–	–	–	
Other Malformations	2·2	1	1	–	–	–	–	–	
Teething	12·8	12	12	–	–	–	–	–	
Order 2.									
Paramenia	·2	–	–	–	–	–	–	–	
Childbirth (*see* Puerperal Fever)	6·0	–	–	–	–	–	–	–	
Order 3.									
Old Age	56·7	47	–	–	–	–	26	21	
Order 4.									
Atrophy and Debility	54·9	40	32	1	–	–	7	–	
V. VIOLENT DEATHS, &c.									
Order 1. (Accident or Negligence.)									
Fractures and Contusions	16·1	9	1	1	4	1	2	–	
Wounds { Gunshot	·9	–	–	–	–	–	–	–	
Wounds { Cut, Stab		–	–	–	–	–	–	–	
Burns and Scalds	8·3	8	5	2	–	–	1	–	
Poison	1·0	2	–	–	2	–	–	–	
Drowning	4·0	3	1	1	–	1	–	–	
Suffocation	9·6	9	7	–	–	1	–	1	
Otherwise	1·8	2	1	–	–	–	1	–	
Order 3. (Homicide.)									
Murder and Manslaughter	2·8	2	2	–	–	–	–	–	
Order 4. (Suicide.)									
Wounds { Gunshot	·4	–	–	–	–	–	–	–	
Wounds { Cut, Stab	1·0	–	–	–	–	–	–	–	
Poison	1·0	–	–	–	–	–	–	–	
Drowning	·8	–	–	–	–	–	–	–	
Hanging	·8	2	–	–	1	1	–	–	
Otherwise	·5	–	–	–	–	–	–	–	
Order 5. (Execution.)									
Hanging	·1	1	–	–	1	–	–	–	
Violent Deaths (not classed)	·4	1	–	–	–	1	–	–	
Sudden Deaths (Cause unascertained)	2·6	1	1	–	–	–	–	–	
Causes not specified or ill-defined	9·5	12	7	–	1	1	3	–	

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCA during the Week en

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	2225	1199	286	285	5	11	17	3	38	1	21	6	13	39	86
WEST DISTRICTS	561,189	322	184	41	50	–	1	2	–	5	–	3	1	1	5	13
NORTH DISTRICTS	751,668	460	259	60	69	–	1	3	1	11	–	8	4	3	4	13
CENTRAL DISTRICTS	333,387	200	130	28	26	–	–	1	–	2	–	1	–	2	5	8
EAST DISTRICTS	638,928	513	273	66	58	4	3	5	2	8	1	3	–	2	12	23
SOUTH DISTRICTS	966,132	730	353	91	82	1	6	6	–	12	–	6	1	5	13	24
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	46	18	4	3	–	–	–	–	–	–	–	1	–	–	–
St. John Paddington H	38082	11	11	1	3	–	–	–	–	1	–	–	–	–	1	2
Kensington Town *WL*	91583	53	22	7	6	–	–	1	–	1	–	–	–	–	–	–
Brompton H	28651	12	8	2	3	–	–	–	–	–	–	–	–	–	–	1
St. Peter Hammersmith	6662	4	5	–	1	–	–	–	–	–	–	–	–	–	–	1
St. Paul Hammersmith H	36030	23	7	4	–	–	–	–	–	–	–	–	–	1	1	2
Fulham *WLLLL*	23378	16	12	1	3	–	–	1	–	–	–	–	–	–	–	–
Chelsea South HH	26419	16	9	–	3	–	–	–	–	–	–	–	–	–	–	1
Chelsea North-west H*Ww*	23278	18	18	3	10	–	–	–	–	–	–	1	–	–	1	1
Chelsea North-east L	21389	13	7	2	2	–	–	–	–	1	–	–	–	–	–	1
Hanover Square	18700	4	3	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	3	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Belgravé HH	58043	42	18	2	6	–	–	–	–	–	–	1	–	–	2	3
St. John Westminster HHH	38470	19	9	4	4	–	–	–	–	–	–	–	–	–	–	–
St. Margaret Westminster *WW*HH	27640	16	15	4	3	–	–	–	–	–	–	–	–	–	–	3
St. James's Square	10453	1	5	2	1	–	–	–	–	–	–	1	–	–	–	–
Golden Square *W*	12855	11	8	2	2	–	1	–	–	1	–	–	–	–	–	1
Berwick-street	10279	7	1	–	–	–	–	–	–	–	–	–	–	–	–	1
St. Anne Soho HH	17555	7	7	3	–	–	–	–	–	1	–	–	–	–	–	1
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	22	13	3	3	–	–	–	–	–	–	1	–	–	1	1
Cavendish Square	15419	7	3	1	1	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	12	13	–	7	–	–	–	–	–	–	1	–	–	–	–
St. Mary Marylebone H	21795	14	3	1	–	–	–	–	–	–	–	–	–	–	–	1
Christchurch Marylebone	33892	23	8	2	3	–	–	–	–	–	–	–	–	–	–	2
St. John Marylebone	33110	14	14	6	3	–	1	–	1	–	–	–	–	1	–	–
Hampstead *WHHH*	32271	13	11	2	1	–	–	–	–	–	–	–	–	–	1	–
Regent's Park Pancras	38192	19	12	3	2	–	–	–	–	–	–	2	–	–	–	1
Tottenham-court *w*H	29360	21	16	1	5	–	–	–	–	–	–	–	–	–	–	–
Gray's Inn Lane H	29216	15	8	3	1	–	–	–	–	–	–	–	–	–	1	1
Somers Town	38562	19	12	4	1	–	–	–	–	1	–	1	2	–	1	1
Camden Town *W*	18066	19	10	–	5	–	–	–	–	–	–	–	–	–	–	1
Kentish Town *W*	68198	48	65	13	9	–	–	–	–	3	–	–	–	–	–	3
Islington West HHH	97801	66	23	7	3	–	–	–	–	1	–	–	–	–	–	1
Islington East *Ww*H	115948	64	34	7	13	–	–	1	–	1	–	–	–	2	–	–
Stoke Newington L	9810	4	5	–	3	–	–	–	–	1	–	–	–	–	–	–
Stamford Hill	6599	11	3	–	1	–	–	–	–	2	–	–	–	–	–	–
West Hackney	28076	14	7	–	3	–	–	–	–	1	–	1	2	–	–	–
Hackney *Ww*HHL	50087	33	16	2	4	–	–	2	–	1	–	2	–	–	–	–
South Hackney L	30305	22	13	5	1	–	–	–	–	–	–	–	–	–	–	1
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	5	8	2	1	–	–	–	–	–	–	–	–	1	–	1
St. Giles South *WH*	19089	13	10	1	2	–	–	–	–	–	–	–	–	–	–	–
St. Giles North	16497	12	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	4	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	1	4	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Mary-le-Strand	9376	5	4	–	2	–	–	–	–	–	–	–	–	–	–	1
St. Clement Danes H	10711	8	5	1	1	–	–	–	–	–	–	–	–	–	–	–
St. George-the-Martyr HHH	20521	9	6	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	7	14	4	1	–	–	–	–	–	–	–	–	1	–	1
Saffron Hill	9051	4	3	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	19	8	2	1	–	–	1	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	6	4	1	3	–	–	–	–	–	–	–	–	–	–	–
Pentonville	18293	13	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	10	6	1	1	–	–	–	–	–	–	1	–	–	–	–
Old-street H	12156	6	3	–	1	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	27	6	2	–	–	–	–	–	1	–	–	–	–	–	–
Whitecross-street	13790	15	5	2	1	–	–	–	–	–	–	–	–	–	–	–
Finsbury	10732	4	4	2	–	–	–	–	–	–	–	–	–	–	–	1
St. Botolph East London HH	14484	8	4	3	1	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	2	3	2	–	–	–	–	–	–	–	–	–	–	–	–
St. Sepulchre H	7562	7	12	1	3	–	–	–	–	–	–	–	–	–	3	3
St. Bride *W*	11184	7	5	1	1	–	–	–	–	1	–	–	–	–	–	–
Castle Baynard	4389	–	3	–	–	–	–	–	–	–	–	–	–	–	1	1
Christchurch	6308	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	1	2	–	2	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	4	–	1	–	–	–	–	–	–	–	–	–	1	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—

W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 14th December 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
onard Shoreditch HL†	16545	13	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
n New Town *w*	27632	22	8	1	4	-	-	-	-	-	-	-	-	-	-	-	3
n Old Town	26944	25	10	3	2	-	-	-	-	-	-	-	-	-	1	3	-
erstone West *W*	24153	28	16	7	5	-	-	-	-	2	-	-	-	1	-	-	6
erstone East	19257	11	10	4	1	-	-	-	-	-	-	-	-	-	-	1	-
ney-road	29808	21	13	7	2	-	-	-	-	1	-	-	-	-	2	5	-
, Bethnal Green *WHL*†	42443	32	20	3	6	-	-	2	2	1	-	-	-	-	-	-	8
h, Bethnal Green	26574	14	6	3	1	-	1	-	-	-	-	-	-	-	-	-	-
, Bethnal Green	21375	17	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ery Whitechapel	6651	4	4	2	1	-	-	-	-	-	-	-	-	-	1	1	-
fields	15844	5	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W*	15550	12	14	2	5	-	-	-	-	1	-	-	-	-	-	-	8
pechapel North	11434	8	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
pechapel Church H	7323	7	15	-	4	-	-	-	-	-	-	-	-	-	2	3	13
man's Fields	10361	7	6	2	1	-	-	-	-	-	-	-	-	-	-	1	-
te	9149	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ary St. George East	17906	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ul St. George East	21356	17	9	2	4	-	-	-	-	-	-	-	-	-	-	-	-
hn St. George East *W*	8973	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3
well	11623	2	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
ff H	15930	9	4	1	-	-	-	1	-	-	-	-	-	-	-	1	1
house *W*	30025	34	12	1	-	-	2	-	-	1	-	-	-	-	-	-	-
End Old Town West	38126	43	16	4	5	-	-	1	-	-	1	-	-	-	-	1	-
End Old Town East *WwH*	55020	54	25	6	5	-	-	-	-	1	-	-	-	-	3	4	-
WwwHL†	67777	52	35	3	9	2	-	-	-	-	3	-	1	2	2	12	-
WW	48590	43	17	7	1	2	-	1	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
church Southwark *W*	14547	11	7	3	4	-	-	-	-	-	-	-	-	-	-	-	4
viour Southwark H	15667	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
road	20430	12	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
gh-road *WH*	16694	13	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
n-road L	18959	25	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
y Newington	23673	21	3	1	2	-	1	-	-	-	-	-	-	-	-	-	-
ter Walworth *W*	48232	39	26	11	7	-	-	-	-	3	-	-	-	1	-	-	7
ary Newington	16786	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ave Southwark H	4157	3	9	-	1	-	-	-	-	-	-	-	-	-	-	1	9
hn Horsleydown *W*	10595	4	5	-	2	-	-	-	-	-	-	-	-	-	-	-	2
er Market	16785	14	6	4	-	-	-	-	-	1	-	-	-	-	-	-	-
ary Magdalen *W*	15707	14	11	4	3	-	-	-	-	-	-	-	-	-	-	-	3
mes Bermondsey	47921	48	12	5	1	-	-	1	-	1	-	-	1	-	-	-	-
rhithe *W*	25873	25	6	2	1	-	-	-	-	-	-	-	-	1	1	1	-
rloo-road 1st H	14086	13	5	1	2	-	-	-	-	-	-	-	-	-	-	1	1
rloo-road 2nd H	18453	19	11	2	3	-	-	2	-	1	-	-	-	-	-	-	-
eth Church 1st H	19470	7	15	2	1	-	-	1	-	1	-	1	-	1	1	1	5
eth Church 2nd *W*	35831	29	22	6	10	1	-	-	-	1	-	-	1	-	1	-	9
ington 1st *W*	41284	34	12	3	2	-	-	-	-	2	-	-	-	-	1	1	-
ington 2nd	31213	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
on HL	35431	31	14	2	5	-	-	1	-	-	-	-	-	-	-	1	1
ood *W*	12534	11	4	-	2	-	-	-	-	-	-	-	-	-	-	1	1
am HL	27348	16	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
rsea *W*	53988	45	16	6	4	-	-	-	-	-	-	-	-	-	1	1	3
sworth HL	19797	9	5	-	1	-	-	-	-	-	-	-	-	-	1	1	1
y	1438	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ham	14479	13	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-
ch	4041	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
erwell *WL*†*L*†	31251	17	9	2	1	-	-	-	-	-	-	-	-	-	-	-	4
am *W*	42159	35	18	3	6	-	-	-	-	-	-	1	-	-	1	1	-
orge Camberwell	33851	27	8	1	2	-	3	-	-	-	-	-	-	1	-	-	-
ul Deptford	53696	48	26	5	5	-	-	1	-	-	-	-	-	-	2	4	-
cholas Deptford	6487	2	2	-	-	-	-	-	-	1	-	-	-	-	1	1	-
wich West	21098	11	10	2	-	-	-	-	-	-	-	-	-	-	3	4	-
wich East *WH*	19320	14	10	2	5	-	-	-	-	-	-	-	-	-	1	2	4
m	4528	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ham Village *W*	16430	8	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ham	11508	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	19016	7	5	2	1	-	1	-	-	-	-	-	-	-	-	1	-
con H	9503	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
wich Dockyard	17229	7	8	2	2	-	1	-	-	-	-	1	-	-	-	1	-
wich Arsenal H	18319	22	5	1	1	-	-	-	-	-	-	1	-	-	-	-	-
stead West	13028	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
stead East *W*	15290	12	6	2	1	-	-	-	-	-	-	1	-	1	-	-	1

lowing are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
e Strand - - ,, ,, Tottenham-court sub-district.
ndon City - - ,, ,, Islington East.
lborn Infirmary - ,, ,, ,,
ndon City - - ,, ,, Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City ,, ,, } Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney - ,, ,, Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14th DECEMBER, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32·deger. Fahrenheit).	READINGS OF THERMOMETERS. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Greatest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Least.	DIFFERENCE Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	WIND. As deduced from Anemometers. Osler's. General Direction. P.M.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Greatest.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Least.	WIND. As deduced from Anemometers. Osler's. Pressure on square foot. Mean of 24 Obs.	WIND. As deduced from Anemometers. Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	8	..	29·162	49·3	38·2	11·1	44·3	36·3	56·6	31·3	42·4	39·5	8·0	13·0	4·6	+ 2·6	73	WSW.	SSW. & SW.	30+	0·2	3·5	667	0·27	..
MONDAY	9	In Equator	28·918	46·0	37·5	8·5	41·5	35·2	62·5	31·0	41·1	38·5	6·3	9·0	2·3	+ 0·2	78	WSW.	W. & WSW.	30+	0·1	4·4	811	0·00	..
TUESDAY	10	..	28·791	40·3	34·8	5·5	37·1	35·0	45·0	27·8	40·8	38·5	2·1	4·6	0·0	— 3·9	92	W. WSW. & SSW.	NE. N. & NW.	3·9	0·0	0·5	344	0·17	..
WEDNESDAY	11	..	29·335	41·9	31·6	10·3	36·7	33·9	45·0	23·0	40·4	38·8	2·8	6·2	2·7	— 4·0	90	NW. & N.	N. & N. by E.	2·4	0·0	0·3	313	0·00	..
THURSDAY	12	..	29·826	36·3	27·1	9·2	31·3	27·5	36·3	17·9	40·0	38·0	3·8	8·5	0·0	— 9·3	85	N. & Calm	SW.	0·6	0·0	0·0	199	0·00	..
FRIDAY	13	..	29·557	45·3	34·6	10·7	40·3	40·3	48·2	31·2	39·2	36·8	0·0	1·6	0·0	— 0·2	100	SW. & SSW.	SW. & W.	3·5	0·0	0·3	302	0·12	..
SATURDAY	14	Full	29·362	42·2	33·6	8·6	38·7	38·7	44·9	29·1	38·6	36·3	0·0	1·1	0·0	— 1·7	100	Calm & E. by S.	E.	2·2	0·0	0·2	261	0·18	..
MEANS		..	29·279	43·0	33·9	9·1	38·6	35·3	48·4	27·3	40·4	38·1	3·3	6·3	1·4	— 2·3	88	WSW. & SW.		..	..	..	Sum 2897	Sum 0·74	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. DECEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY	8	No electricity shown.	Very fine and at times cloudless till the evening. A violent gale at night, and rain fell heavily. The clouds very variable in amount.
MONDAY	9		Gale very violent throughout the early morning. Sky overcast till noon; afterwards very fine, and at times cloudless. Faint aurora at night.
TUESDAY	10	Strong positive very persistent throughout.	Fine morning, with slight fog. Overcast after 11h. A.M. Rain commenced falling at 1h. P.M., and continued to fall more or less heavily till midnight.
WEDNESDAY	11	Positive, with variable tension.	Overcast, dull, and misty in morning, changing to fine and bright weather, with cloudless sky at night. Hoar frost.
THURSDAY	12	No electricity shown.	A fine though cloudy day throughout. Hoar frost. Hazy and foggy.
FRIDAY	13		The sky covered with cloud, varying, however, in density. Occasional rain.
SATURDAY	14	Weak positive at noon.	Overcast throughout. Foggy. Rain fell almost continuously after 11h. A.M.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·35 in. at the beginning of the week to 29·41 in. by 10h. A.M. on the 8th; decreased to 28·71 in. by 9h. P.M. on the same day; increased

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 51. 1872. Vol. XXXIII.] Week ending Saturday, December 21. [Price 1*d.*

General Register Office, Somerset House,
23rd December 1872.

United Kingdom.

During the week ending Saturday last, 5319 *births* and 3494 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 25 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 23 per 1000 persons living in Edinburgh, 32 in Glasgow, and 31 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 20, Portsmouth 14, Norwich 32, Bristol 22, Wolverhampton 20, Birmingham 26, Leicester 28, Nottingham 24, Liverpool 32, Manchester 34, Salford 27, Oldham 36, Bradford 25, Leeds 28, Sheffield 23, Hull 30, Sunderland 23, and Newcastle-upon-Tyne 31. The fatal cases of scarlet fever in these towns, which in the four previous weeks had steadily declined from 105 to 87, further fell last week to 83; the annual death-rate from this disease was equal to 12 per 1000 in Oldham, 3 in Newcastle-upon-Tyne, and 2 in Manchester and Salford. The deaths from scarlet fever within the borough of Oldham since the middle of July last have been 467. Fever, principally enteric, was fatally prevalent last week in Leeds, Sheffield, and Hull, and measles in Norwich and Manchester.

London.

In London 2296 births and 1288 deaths were registered. After making due allowance for increase of population, the births exceeded by 41, while the deaths were 362 below, the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in each of the three preceding weeks had been equal to 19 per 1000, rose last week to 20. The rate, after distribution of the deaths in institutions in proportion to population, was 21 per 1000 in the West, 20 in the North, 19 in the Central, 22 in the East, and 20 in the South groups of Districts.

During the past thirteen weeks of unusually wet but mild weather the deaths registered in London have been no less than 4218, or 20 per cent. below the corrected average number in the corresponding period of the last ten years.

The 1288 deaths included 5 from small-pox, 17 from measles, 11 from scarlet fever, 5 from diphtheria, 26 from whooping-cough, 16 from different forms of fever (of which one was certified as typhus, 12 as enteric or typhoid, and 3 as simple continued fever), and 9 from diarrhœa; thus to the seven principal diseases of the zymotic class only 89 deaths were referred, against 108 and 115 in the two preceding weeks. The deaths from these diseases, in the aggregate, were no less than 127 below the corrected average number in the corresponding week of the last ten years. Five deaths from measles were, however, returned in Limehouse and 3 in St. George Camberwell sub-districts; 4 from scarlet fever in Shoreditch; 3 from whooping-cough in Mile-end Old Town Western; and 2 from enteric fever in Woolwich Arsenal sub-district. With reference to the death of a child, aged 2 years, in East-street, Marylebone, certified from "general debility," the Registrar remarks, "this death is reported as being greatly accelerated by want, bad air, &c."

The deaths from small-pox, which had been 8 and 5 in the two previous weeks, were again 5 last week, of which 3 occurred in the small-pox hospital at Homerton, and one each in Bethnal Green and Bow; 4 were returned as "unvaccinated," and the other was "not stated."

The mean temperature of the air at the Royal Observatory, Greenwich, was 41°·5 and 2°·0 above the average for the corresponding week in 50 years; the

mean on Saturday was 46°·6, and in excess by 7°·8. Rain was measured on each day at Greenwich, amounting in the aggregate to 1·61 inches, of which ·64 of an inch fell on Tuesday; the rain-fall of the first 356 days of this year was thus raised to 29·4 inches, against an average annual fall of 24·1 inches in the ten years 1862–71.

Diseases of the respiratory organs and phthisis caused 436 deaths, against 432 and 414 in the two preceding weeks, and were 117 below the corrected weekly average; to bronchitis 182 deaths were referred, against 164 and 159 in the two previous weeks.

To different forms of violence 61 deaths were referred; 46 were the result of negligence or accident, including 22 from fractures and contusions, 7 from burns and scalds, 5 from drowning, and 10 from suffocation. The death of a greengrocer, aged 35 years, in King's College Hospital, was referred to "exhaustion from disease of the knee, death accelerated by chloroform." No less than 11 cases of suicide, and 2 of murder, were registered.

One of the deaths from fractures and contusions, resulting from negligence or accident, was caused by horses or vehicles in the streets. From this class of accident 67 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 22nd instant; of these, 58 occurred in the Metropolitan and 9 in the City Police Districts.

In the large Public Institutions 259 deaths were recorded, or 20 per cent. of the total deaths; of these, 143 occurred in Workhouses and 108 in Hospitals.

Indian Cities.

In Bombay the deaths registered during the week ending 19th November were 332, including 122 from remittent fever, and the annual death-rate was equal to 27 per 1000. In Calcutta 328 deaths were returned in the week ending the 16th ultimo; 47 deaths were referred to cholera, against 18, 29, and 30 in the three preceding weeks. In Madras the 269 deaths in the week ending 22nd ultimo, showed an annual death-rate equal to 35 per 1000.

Foreign Cities.

In Paris 771 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 22 per 1000 of the estimated population. In Brussels 82 deaths occurred in the week ending the 14th instant, and the annual death-rate was 23 per 1000. In Berlin during the week ending 12th instant 450 deaths were recorded, showing an annual rate of 28 per 1000. In Vienna the 402 deaths in the week ending 14th instant gave an annual rate of 34 per 1000. In Rome 147 deaths were registered in the week ending 8th instant, and the annual death-rate was 31 per 1000.

In the City of New York 473 deaths were registered in the week ending 30th November, and the equivalent annual rate of mortality was 26 per 1000. In Philadelphia 225 deaths were returned during the same week, equal to a death-rate of 17 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·46 in.; the highest reading was 29·73 in. on Monday at noon, and the lowest 29·18 in. on Tuesday at noon. The mean temperature of the *air* was 41°·5, or 2°·0 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was slightly below the average on Monday, Wednesday, and Thursday, while an excess was shown on each of the other days; on Wednesday the mean was only 35°·3 and 1°·3 below the average, while on Saturday it was 46°·6, and in excess by 7°·8. The highest day temperature in the shade was 50°·5 on Saturday, and the lowest night temperature 33°·3 on Thursday; the extreme range in the week was, therefore, 17°·2. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 62°·4 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 1°·6. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 39°·2. The mean degree of *humidity* of the air was 94, complete saturation being represented by 100. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12 miles per hour. *Rain* fell each day during the week to the amount of 1·61 inches, of which ·64 of an inch fell on Tuesday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 37°·6 in Nottingham to 42°·1 in Portsmouth; the lowest recorded night temperature was 30°·6 in Nottingham, and the highest day temperature in the shade 54°·2 in Portsmouth. Rain was measured in each of the towns; the amounts varied from ·51 of an inch in Oldham, to 2·99 inches in Newcastle.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 564,876 cubic metres, and at Barking 361,926 cubic metres, equivalent to about as many tons by weight.

TABLES.

Table 1. LONDON.—**Births** and **Deaths** Registered last Week, and in the Fifty-first Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
Total **Births**	1923	1927	1847	2109	2134	2161	2206	1943	2083	2164	2049·7	2296
Males . .	973	994	947	1037	1055	1136	1093	993	1042	1106	1037·6	1169
Females .	950	933	900	1072	1079	1025	1113	950	1041	1058	1012·1	1127
Total **Deaths**	1419	1291	1523	1590	1377	1561	1558	1357	1377	1943	1499 6	1288
Males . .	700	676	756	816	709	750	789	705	705	960	756·6	647
Females .	719	615	767	774	668	811	769	652	672	983	743·0	641

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

Table 2. LONDON.—Deaths and Meteorology in the Last Thirteen Weeks.

	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.
Total **Deaths** - - -	1279	1276	1218	1369	1381	1306	1181	1183	1277	1221	1205	1199	1288
Deaths under 5 years of age -	557	541	512	579	548	508	463	468	484	453	454	450	432
Deaths 5—20 - - -	85	84	81	98	70	84	81	76	88	70	71	82	75
Deaths 20—40 - - -	190	197	199	205	213	187	161	167	188	179	199	151	181
Deaths 40—60 - - -	202	202	194	232	251	240	219	222	237	243	228	231	256
Deaths 60—80 - - -	213	212	181	203	240	255	212	211	228	224	208	243	289
Deaths at 80 years & upwards	32	40	51	51	59	32	45	39	52	52	45	42	55
Deaths from Smallpox - -	9	10	7	17	6	14	15	13	13	8	8	5	5
„ „ Measles - -	12	9	7	15	4	12	11	7	11	15	10	11	17
„ „ Scarlet Fever -	17	20	21	17	22	21	14	14	23	13	12	17	11
„ „ Diphtheria -	5	5	5	12	9	2	3	6	5	4	5	3	5
„ „ Whooping-cough	38	31	34	37	31	28	25	32	26	27	30	38	26
„ „ Typhus fever -	4	6	4	3	3	4	2	2	1	1	4	1	1
„ „ Enteric (or Typhoid) fever -	17	19	16	19	19	14	19	18	14	15	21	21	12
„ „ Simple Cont^{d} fever	5	4	11	4	6	6	7	2	4	3	1	6	3
„ „ Diarrhœa - -	92	50	45	36	32	18	19	15	14	21	17	13	9
„ „ Simple Cholera -	2	—	—	3	—	—	—	—	—	—	1	—	—
„ „ Phthisis - -	173	152	150	163	167	155	142	131	149	142	151	135	149
„ „ Bronchitis - -	106	134	143	190	204	182	168	149	177	146	164	159	182
„ „ Pneumonia -	76	81	78	80	104	91	93	81	71	76	81	84	75
„ „ Heart Disease -	57	67	75	66	66	77	65	55	81	88	69	65	81
Mean Temperature of the Air	49·0°	52·4°	47·3°	44·4°	47·4°	49·7°	50·3°	37·9°	43·9°	48·0°	41·9°	38·6°	41·5°
Mean Temperature of the Water of the Thames -	56·0°	54·5°	53·2°	49·7°	49·0°	49·1°	49·5°	46·5°	42·0°	45·1°	43·7°	39·3°	39·2°
Humidity of the Air - -	81	86	85	92	92	90	87	88	90	86	87	88	94
Rain-fall in inches - -	0·84	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70	0·77	1·13	0·74	1·61

Meteorological Observations. (*See* Table 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; C. M. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Birmingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered and METEOROLOGY during the Week ending Saturday, the 21st day of December 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 21st Dec. 1872.	DEATHS registered during the Week ending 21st Dec. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FA In Inches.
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	5319	3494	54·2	26·0	38·9	3·83	1·54
LONDON	78,080	3,311,298	42·4	2296	1288	50·5	33·3	41·5	5·28	1·61
PORTSMOUTH	9,513	115,455	12·1	70	30	54·2	31·6	42·1	5·62	1·59
NORWICH	7,472	81,105	10·9	57	50	47·2	31·0	38·9	3·83	1·63
BRISTOL	4,688	186,428	39·8	128	80	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	52	26	46·7	32·0	39·0	3·89	1·82
BIRMINGHAM	7,831	350,164	44·7	274	177	47·2	32·0	39·1	3·95	2·58
LEICESTER	3,200	99,143	31·0	64	54	48·0	31·7	39·7	4·28	1·71
NOTTINGHAM	1,996	88,225	44·2	81	41	42·5	30·6	37·6	3·11	1·37
LIVERPOOL	5,108	499,897	97·9	363	307	45·0	34·3	39·2	4·00	1·34
MANCHESTER	4,486	352,759	78·6	265	230	46·3	31·8	39·1	3·95	0·86
SALFORD	5,172	127,923	24·7	109	67	44·4	31·2	38·7	3·72	0·88
OLDHAM	4,167	84,004	20·2	61	58	48·0	—	—	—	0·51
BRADFORD	6,590	151,720	23·0	110	72	43·8	32·2	38·8	3·77	2·00
LEEDS	21,572	266,564	12·4	243	143	44·0	33·0	38·7	3·72	1·53
SHEFFIELD	22,830	247,847	10·9	197	111	45·0	31·7	37·9	3·28	1·69
HULL	3,562	124,976	35·1	84	71	45·0	32·0	39·4	4·11	1·51
SUNDERLAND	3,306	100,665	30·4	72	44	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	98	78	42·0	34·0	38·1	3·39	2·99
EDINBURGH	4,427	205,146	46·3	107	89	41·0	29·7	36·2	2·33	0·70
GLASGOW	5,063	489,136	94·8	404	296	41·7	28·2	36·7	2·61	0·80
DUBLIN	9,745	310,565	31·9	184	182	49·0	26·0	39·9	4·39	2·14

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which pre between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the ending Saturday the 21st day of December 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.
Total of 18 TOWNS	24	2927	666	717	17	64	83	13	59	78	35	134	241
LONDON	20	1288	275	344	5	17	11	5	26	16	9	61	120
PORTSMOUTH	14	30	7	9	2	–	–	–	–	2	–	1	2
NORWICH	32	50	11	18	–	6	1	–	2	–	1	1	3
BRISTOL	22	80	17	29	2	1	–	–	1	2	–	3	6
WOLVERHAMPTON	20	26	6	6	–	1	1	–	–	1	1	–	–
BIRMINGHAM	26	177	37	39	2	2	10	2	7	5	3	10	15
LEICESTER	28	54	13	18	–	–	–	–	4	2	1	–	–
NOTTINGHAM	24	41	14	10	–	–	–	–	–	–	–	1	6
LIVERPOOL	32	307	88	75	–	17	3	4	7	6	5	19	27
MANCHESTER	34	230	46	51	2	13	12	–	3	5	7	19	30
SALFORD	27	67	15	14	–	2	6	1	–	1	1	2	5
OLDHAM	36	58	6	6	–	–	19	–	–	1	1	1	1
BRADFORD	25	72	19	11	–	1	1	–	3	2	1	4	8
LEEDS	28	143	31	25	2	1	8	–	–	16	4	4	8
SHEFFIELD	23	111	31	21	1	–	4	–	1	9	–	1	2
HULL	30	71	12	21	1	2	–	–	–	8	–	2	2
SUNDERLAND	23	44	16	9	–	1	–	–	4	–	–	2	2
NEWCASTLE-ON-TYNE	31	78	22	11	–	–	7	1	1	2	1	3	4
DUBLIN	31	182	35	55	–	2	5	–	4	2	2	8	5

TABLE 5.—DEATHS Registered in LONDON in the FIFTY-FIRST Week of the Year 1872.

SES OF DEATH.	Average in the Fifty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 21, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
ean Temperature –	40·4	41·5						
L CAUSES – –	1499·6	1288	432	75	181	256	289	55
ECIFIED CAUSES	1485·3	1284	429	75	181	255	289	55
MOTIC DISEASES.								
ORDER 1.								
all-pox – – –	30·1	5	1	3	1	–	–	–
asles – – –	48·4	17	16	1	–	–	–	–
rlet Fever (Scarlatina)	70·6	11	10	1	–	–	–	–
phtheria – – –	10·8	5	3	1	1	–	–	–
nsy – – – –	1·5	2	–	1	–	–	1	–
up – – – –	14·1	12	11	1	–	–	–	–
ooping-cough – –	55·6	26	25	1	–	–	–	–
hus – – –		1	–	1	–	–	–	–
teric or Typhoid Fever	59·0	12	1	5	5	1	–	–
ple continued Fever –		3	2	1	–	–	–	–
sipelas – – –	8·4	10	5	–	2	2	–	1
erperal Fever (Metria)	4·8	10	–	1	9	–	–	–
buncle – – –	·6	2	–	–	–	1	–	1
uenza – – –	1·0	–	–	–	–	–	–	–
entery – – –	1·9	1	–	–	–	–	1	–
rrhœa – – –	12·9	9	7	1	–	–	–	1
ple Cholera – –	·3	–	–	–	–	–	–	–
ie – – – –	·5	–	–	–	–	–	–	–
mittent Fever – –	·9	1	–	–	1	–	–	–
eumatism – – –	9·4	9	–	2	2	2	2	1
er *Zymotic* Diseases –	—	–	–	–	–	–	–	–
ORDER 2.								
philis – – –	6·8	3	3	–	–	–	–	–
icture of Urethra –	·8	–	–	–	–	–	–	–
drophobia – – –	—	–	–	–	–	–	–	–
nders – – – –	—	–	–	–	–	–	–	–
ORDER 3.								
vation – – – –	·4	–	–	–	–	–	–	–
nt of Breast-milk –	7·8	8	8	–	–	–	–	–
pura and Scurvy –	1·4	1	1	–	–	–	–	–
o– a Del. Tremens –	2·0	1	–	–	–	1	–	–
m b Intemperance –	2·1	1	–	–	–	1	–	–
ORDER 4.								
ush – – – –	1·9	1	1	–	–	–	–	–
rms, &c. – – –	—	–	–	–	–	–	–	–
STITUTIONAL DIS.								
ORDER 1.								
nt – – – –	1·6	2	–	–	–	–	2	–
ppsy – – – –	14·1	11	3	–	2	3	3	–
ncer – – – –	25·7	35	–	–	5	16	14	–
ngrum Oris (Noma) –	·4	–	–	–	–	–	–	–
rtification – –	3·6	3	1	–	–	–	–	2
ORDER 2.								
rofula – – –	8·0	11	7	3	–	–	1	–
ces Mesenterica –	17·1	17	16	1	–	–	–	–
thisis – – –	156·8	149	3	13	73	54	6	–
drocephalus – –	25·4	26	22	4	–	–	–	–
OCAL DISEASES.								
ORDER 1.								
phalitis – – –	14·5	18	13	3	–	–	2	–
pplexy – – –	39·9	50	3	3	4	13	25	2
ralysis – – –	29·5	25	–	–	1	5	15	4
anity – – – –	2·3	2	–	–	–	1	–	1
orea – – – –	·4	–	–	–	–	–	–	–
lepsy – – – –	6·2	4	1	–	–	2	1	–
rvulsions – – –	51·5	46	46	–	–	–	–	–
rain *Disease, &c.* –	18·7	19	1	2	1	7	7	1
ORDER 2.								
ricarditis – – –	2·7	1	–	–	1	–	–	–
eurism – – –	2·5	5	–	1	1	3	–	–
art *Disease, &c.* –	67·3	81	1	7	13	26	33	1
ORDER 3.								
ryngitis – – –	8·6	6	5	–	1	–	–	–
onchitis – – –	207·7	182	56	2	5	38	72	9
eurisy – – – –	3·6	2	–	–	1	1	–	–
eumonia – – –	94·4	75	44	3	4	14	10	–
thma – – – –	13·4	10	–	–	–	1	9	–
ng Disease, &c. – –	18·3	12	8	–	1	3	–	–
ORDER 4.								
stritis – – –	1·2	2	–	–	1	–	1	–
steritis – – –	3·5	11	5	1	1	1	3	–
ritonitis – – –	4·9	8	–	1	3	1	3	–
cites – – – –	2·7	4	–	–	–	2	2	–
ceration of Intestines –	3·2	2	–	–	1	–	1	–
rnia – – – –	4·3	5	–	–	1	1	3	–
us – – – –	2·8	1	–	–	–	1	–	–
ussusception – –	·4	2	–	–	–	1	1	–

CAUSES OF DEATH.	Average in the Fifty-first Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 21, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem.	0–5.	5–20.				
Mean Temperature –	40·4	41·5						
9. Stricture of Intestines –	·9	2	–	–	–	1	1	–
10. Fistula – – –	·2	1	–	–	1	–	–	–
11. *Stomach Disease, &c.* –	7·2	10	1	–	–	1	7	1
12. *Pancreas Disease, &c.* –	–	–	–	–	–	–	–	–
13. Hepatitis – – –	3·0	3	1	–	2	–	–	–
14. Jaundice – – –	3·8	8	3	2	–	2	1	–
15. *Liver Disease, &c.* –	14·6	19	–	–	2	13	4	–
16. *Spleen Disease, &c.* –	·2	–	–	–	–	–	–	–
ORDER 5.								
1. Nephritis – – –	1·6	3	–	–	1	2	–	–
2. Ischuria – – –	—	2	1	1	–	–	–	–
3. Bright's Disease (Nephria)	6·7	20	–	2	8	6	4	–
4. Diabetes – – –	1·9	2	–	–	–	1	1	–
5. Calculus (Stone) – –	1·2	–	–	–	–	–	–	–
6. Cystitis – – –	1·3	1	–	–	–	1	–	–
7. *Kidney Disease, &c.* –	9·4	9	–	–	3	5	–	1
ORDER 6.								
1. Ovarian Dropsy – –	·4	1	–	–	1	–	–	–
2. *Uterus Disease, &c.* –	4·4	8	–	–	1	2	5	–
ORDER 7.								
1. Synovitis (Arthritis) –	·2	–	–	–	–	–	–	–
2. *Joint Disease, &c.* –	4·3	6	–	2	1	1	1	1
ORDER 8.								
1. Phlegmon – – –	2·3	–	–	–	–	–	–	–
2. Ulcer – – –	1·4	1	–	–	–	–	1	–
3. *Skin Disease, &c.* –	1·3	4	3	–	–	–	–	1
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth – –	17·9	18	18	–	–	–	–	–
2. Cyanosis – – –	2·2	4	4	–	–	–	–	–
3. Spina Bifida – –	·9	2	2	–	–	–	–	–
4. Other Malformations –	1·7	1	–	1	–	–	–	–
5. Teething – – –	14·4	10	10	–	–	–	–	–
ORDER 2.								
1. Paramenia – – –	·1	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever) – – –	8·4	4	–	–	3	1	–	–
ORDER 3.								
1. Old Age – – – –	58·2	60	–	–	–	–	35	25
ORDER 4.								
1. Atrophy and Debility –	55·5	46	41	–	–	2	3	–
V. VIOLENT DEATHS, &c.								
ORDER 1.								
(ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	15·7	22	2	1	5	7	5	2
2. Wounds { Gunshot – Cut, Stab –	·6	–	–	–	–	–	–	–
3. Burns and Scalds – –	8·1	7	6	–	–	–	1	–
4. Poison – – –	·8	–	–	–	1	–	–	–
5. Drowning – – –	3·9	5	–	2	1	2	–	–
6. Suffocation – – –	10·3	10	7	–	1	1	1	–
7. Otherwise – – –	2·6	2	–	–	2	–	–	–
ORDER 3.								
(HOMICIDE.)								
1. Murder and Manslaughter	1·4	2	–	–	–	2	–	–
ORDER 4.								
(SUICIDE.)								
1. Wounds { Gunshot – Cut, Stab –	— 1·2	1	–	–	1	–	–	–
		2	–	–	1	1	–	–
2. Poison – – – –	·6	4	–	–	3	1	–	–
3 Drowning – – –	·9	–	–	–	–	–	–	–
4. Hanging – – –	1·6	3	–	–	2	–	1	–
5. Otherwise – – –	·6	1	–	–	1	–	–	–
ORDER 5.								
(EXECUTION.)								
1. Hanging – – – –	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·2	2	1	–	–	1	–	–
Sudden Deaths (Cause unascertained) – – –	1·9	–	–	–	–	–	–	–
Causes not specified or ill-defined – – – –	12·4	4	3	–	–	1	–	–

TE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, Sc
during the Week e

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases
LONDON	3,251,804	2296	1288	275	344	5	17	11	5	26	1	12	3	9	61	12
WEST DISTRICTS	561,189	315	233	41	77	–	1	–	–	4	1	2	–	–	10	1
NORTH DISTRICTS	751,668	510	289	60	79	3	1	1	4	7	–	3	3	1	5	2
CENTRAL DISTRICTS	333,887	190	129	22	29	–	–	–	–	2	–	1	–	1	11	1
EAST DISTRICTS	638,928	519	269	67	64	2	7	7	–	8	–	2	–	1	22	4
SOUTH DISTRICTS	966,132	762	368	85	95	–	8	3	1	5	–	4	–	6	13	2
WEST DISTRICTS.																
St. Mary Paddington *W*H	58702	48	18	4	4	–	–	–	–	–	–	–	–	–	–	
St. John Paddington H	38082	11	11	2	4	–	–	–	–	1	–	–	–	–	1	
Kensington Town *W*L	91583	62	21	6	9	–	–	–	–	1	–	–	–	–	–	
Brompton H	28651	9	8	1	2	–	–	–	–	–	–	–	–	–	–	
St. Peter Hammersmith	6662	2	3	1	1	–	–	–	–	–	–	–	–	–	–	
St. Paul Hammersmith H	36030	27	17	6	3	–	–	–	–	–	1	–	–	–	3	
Fulham *W*LLLL	23378	14	15	1	10	–	–	–	–	–	–	–	–	–	–	
Chelsea South HH	26419	10	10	3	2	–	–	–	–	–	–	–	–	–	1	
Chelsea North-west H*W*o	23278	9	17	–	6	–	–	–	–	–	–	1	–	–	–	
Chelsea North-east L	21389	16	11	2	3	–	–	–	–	1	–	–	–	–	–	
Hanover Square	18700	7	5	1	1	–	–	–	–	–	–	–	–	–	–	
May Fair *W*	13020	5	7	1	3	–	–	–	–	–	–	–	–	–	–	
Belgrave HH	58043	27	20	4	5	–	–	–	–	–	–	1	–	–	1	
St. John Westminster HHH	38470	25	12	1	3	–	1	–	–	–	–	–	–	–	1	
St. Margaret Westminster *W*WHH	27640	14	28	2	13	–	–	–	–	1	–	–	–	–	–	
St. James's Square	10453	2	3	1	1	–	–	–	–	–	–	–	–	–	–	
Golden Square *W*	12855	5	13	1	5	–	–	–	–	–	–	–	–	–	1	
Berwick-street	10279	12	5	2	–	–	–	–	–	–	–	–	–	–	–	
St. Anne Soho HH	17555	10	9	2	2	–	–	–	–	–	–	–	–	–	2	
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	23	10	2	–	–	–	–	–	–	–	–	–	–	–	
Cavendish Square	15419	6	9	3	2	–	–	–	–	–	–	–	–	–	–	
Rectory Marylebone *W*H	26387	16	25	1	6	–	–	–	–	–	–	–	–	–	1	
St. Mary Marylebone H	21795	17	5	–	2	–	–	–	–	–	–	–	–	–	–	
Christchurch Marylebone	33892	17	9	2	2	–	–	1	–	–	–	–	–	–	–	
St. John Marylebone	33110	23	9	2	3	–	–	–	–	–	–	–	1	–	–	
Hampstead *W*HHH	32271	16	11	3	2	–	–	–	–	–	–	–	–	–	–	
Regent's Park Paneras	38192	36	12	4	3	–	–	–	–	–	–	–	–	–	–	
Tottenham-court *w*H	29360	24	17	4	3	–	–	–	–	–	–	–	–	–	1	
Gray's Inn Lane H	29216	25	11	–	3	–	–	–	–	–	–	1	–	–	–	
Somers Town	38562	17	11	3	2	–	–	–	–	1	–	–	–	–	–	
Camden Town *W*	18066	19	10	2	6	–	–	–	–	–	–	–	–	–	1	
Kentish Town *W*	68198	47	21	8	4	–	–	–	–	2	–	–	–	–	–	
Islington West HHH	97801	78	28	6	11	–	–	–	2	1	–	1	–	–	–	
Islington East *W*w*w*H	115948	73	43	9	13	–	–	–	2	1	–	–	–	1	–	
Stoke Newington L	9810	6	2	–	1	–	–	–	–	–	–	–	–	–	–	
Stamford Hill	6599	4	3	1	2	–	–	–	–	–	–	–	–	–	–	
West Hackney	28076	12	15	5	4	–	–	–	–	1	–	–	1	–	–	
Hackney *W*HHL	50087	24	29	4	10	3	–	–	–	1	–	1	–	–	1	
South Hackney L	30305	27	9	1	–	–	1	–	–	–	–	–	1	–	1	
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	14	5	4	–	–	–	–	–	–	–	–	–	–	–	
St. Giles South *W*H	19089	8	11	2	3	–	–	–	–	–	–	–	–	–	1	
St. Giles North	16497	11	5	2	2	–	–	–	–	–	–	–	–	–	–	
Long Acre	11326	7	1	–	–	–	–	–	–	–	–	–	–	–	–	
Charing Cross H	9831	4	11	–	4	–	–	–	–	–	–	–	–	–	2	
St. Mary-le-Strand	9376	2	1	–	1	–	–	–	–	–	–	–	–	–	–	
St. Clement Danes H	10711	5	6	2	1	–	–	–	–	–	–	–	–	–	2	
St. George-the-Martyr HHH	20521	14	4	2	–	–	–	–	–	–	–	–	–	1	–	
St. Andrew Eastern *W*	13528	5	7	1	–	–	–	–	–	–	–	–	–	–	–	
Saffron Hill	9051	5	2	1	1	–	–	–	–	–	–	–	–	–	–	
St. James Clerkenwell *W*	18912	17	3	1	–	–	–	–	–	–	–	–	–	–	–	
Amwell Clerkenwell	16878	10	4	–	–	–	–	–	–	–	–	–	–	–	–	
Pentonville	13293	7	4	–	1	–	–	–	–	–	–	–	–	–	–	
Goswell-street	16220	10	6	–	1	–	–	–	–	1	–	–	–	–	–	
Old-street H	12156	6	4	–	1	–	–	–	–	1	–	–	–	–	–	
City-road *W*HHL	18291	21	4	1	2	–	–	–	–	–	–	–	–	–	–	
Whitecross-street	13790	3	1	–	–	–	–	–	–	–	–	–	–	–	–	
Finsbury	10732	2	5	2	2	–	–	–	–	–	–	–	–	–	–	
St. Botolph HH	14484	9	5	1	1	–	–	–	–	–	–	–	–	–	–	
Cripplegate	13639	8	7	1	1	–	–	–	–	–	–	–	–	–	2	
St. Sepulchre H	7562	4	25	2	5	–	–	–	–	–	–	1	–	–	3	
St. Bride *W*	11184	10	2	–	–	–	–	–	–	–	–	–	–	–	–	
Castle Baynard	4389	2	1	–	1	–	–	–	–	–	–	–	–	–	–	
Christchurch	6308	1	1	–	–	–	–	–	–	–	–	–	–	–	–	
Queenhithe	4744	4	–	–	–	–	–	–	–	–	–	–	–	–	–	
Allhallows Barking	5694	5	2	–	1	–	–	–	–	–	–	–	–	–	1	
Broad Street	7838	1	2	–	1	–	–	–	–	–	–	–	–	–	–	

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—
W—Workhouse ;
H—Hospital ;
L—Lunatic Asylum ;
w—A Workhouse not belonging to the district in which it is situated.

s, Diphtheria, Whooping-cough, Fever, Diarrhœa, Violence, &c., registered in each Sub-district day, 21st December 1872.

Registrars' Sub-districts.	Enumerated Population, 1871.	Total Births during the Week.	Total Deaths during the Week.	The Deaths registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
East Districts.																	
ell Shoreditch	12429	8	5	3	–	–	–	2	–	–	–	–	–	–	–	–	–
nard Shoreditch HL†	16545	6	6	1	4	–	–	2	–	–	–	–	–	–	2	5	–
n New Town *w*	27832	21	11	4	2	–	–	–	–	–	–	–	–	–	–	–	–
n Old Town	26944	19	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–
rstone West *W*	24153	27	14	3	3	–	–	–	–	1	–	–	–	–	1	6	3
rstone East	19257	12	8	3	–	–	–	–	–	1	–	–	–	–	–	–	–
ey-road	29808	26	13	4	4	1	–	–	–	–	–	–	–	–	–	–	–
Bethnal Green *WHL*†	42443	37	20	1	8	–	–	–	–	–	–	–	–	–	–	–	10
, Bethnal Green	26574	22	9	3	2	–	–	–	–	1	–	–	–	–	–	–	–
Bethnal Green	21375	10	10	6	–	–	–	1	–	–	–	–	–	–	–	–	–
ry Whitechapel	6651	4	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
ields	15844	16	7	–	1	–	–	–	–	–	–	–	–	–	1	2	–
nd New Town *W*	15550	9	13	3	5	–	–	–	–	1	–	–	–	–	2	3	7
chapel North	11434	18	4	2	1	–	–	–	–	–	–	–	–	–	1	1	–
chapel Church H	7323	2	17	1	1	–	–	–	–	–	–	–	–	–	8	8	16
an's Fields	10381	7	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
s	9149	3	3	–	–	–	–	–	–	–	–	–	–	–	1	2	–
ry St. George East	17906	16	7	2	–	–	–	–	–	1	–	–	–	1	–	–	–
ul St. George East	21356	11	7	1	4	–	–	–	–	–	–	–	–	–	–	–	–
in St. George East *W*	8973	12	6	–	3	–	–	–	–	–	–	–	–	–	–	–	5
ell	11623	2	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ff H	15930	12	6	1	–	–	–	–	–	–	–	1	–	–	–	1	1
ouse *W*	30025	22	12	–	2	–	5	–	–	–	–	1	–	–	1	2	–
nd Old Town West	38126	52	14	7	2	–	–	–	–	3	–	–	–	–	–	–	–
nd Old Town East *WwH*	55020	50	25	9	8	–	1	–	–	–	–	–	–	–	–	3	2
*WwW*HL†	67777	56	25	7	7	1	1	1	–	–	–	–	–	–	–	1	8
WW	48500	39	16	3	5	–	–	1	–	–	–	–	–	–	5	6	–
South Districts.																	
church Southwark *W*	14547	10	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
viour Southwark H	15667	10	4	1	–	–	–	–	–	–	–	–	–	–	–	–	2
road	20430	7	6	1	1	–	–	–	–	–	–	–	–	–	–	–	–
gh-road *WH*	16694	18	4	–	1	–	–	–	–	–	–	–	–	–	–	–	–
n-road L	18959	13	7	2	–	–	–	–	–	–	–	–	–	–	–	–	–
y Newington	23673	23	5	–	2	–	–	–	–	1	–	–	–	–	–	–	–
ter Walworth *W*	48232	40	28	7	12	–	–	–	–	–	–	1	–	–	1	–	6
ary Newington	16786	12	6	1	3	–	–	–	–	–	–	–	–	–	–	–	6
ave Southwark H	4157	1	17	–	2	–	–	–	–	–	–	–	–	–	6	6	17
hn Horsleydown *W*	10595	6	6	1	3	–	–	–	–	–	–	–	–	–	1	1	2
er Market	16785	16	3	–	2	–	–	–	–	–	–	–	–	–	–	1	–
ary Magdalen *W*	15707	9	6	3	2	–	–	–	–	–	–	–	–	–	–	–	1
mes Bermondsey	47921	47	19	7	3	–	–	1	–	–	–	–	–	–	2	2	–
rhithe *W*	25873	21	9	1	4	–	–	–	–	–	–	–	–	–	–	–	2
rloo-road 1st H	14086	11	10	3	–	–	–	–	–	–	–	–	–	–	–	2	2
rloo-road 2nd H	18453	18	8	1	1	–	1	–	–	–	–	–	–	–	–	1	–
eth Church 1st H	19470	12	13	2	1	–	–	–	–	–	–	–	–	–	1	1	4
eth Church 2nd *W*	35831	25	16	6	8	–	–	–	–	–	–	–	–	–	–	1	9
ington 1st *W*	41284	34	17	4	6	–	–	1	–	–	–	–	–	–	1	2	2
ington 2nd	31213	17	10	1	4	–	–	–	1	1	–	–	–	–	–	–	–
on HL	35431	25	11	4	3	–	–	1	–	1	–	–	–	–	–	–	–
ood *W*	12534	8	3	–	1	–	–	–	–	–	–	–	–	–	–	–	–
am HL	27348	13	9	5	1	–	–	–	–	1	–	–	–	1	–	1	–
rsea *W*	53988	42	22	7	5	–	–	–	–	–	–	–	–	2	–	–	4
sworth HL	19797	20	9	1	2	–	–	–	–	–	–	–	–	–	–	–	5
y	9438	9	3	–	2	–	–	–	–	–	–	–	–	–	–	–	–
ham	14479	6	5	1	1	–	–	–	–	1	–	–	–	–	–	1	–
ich	4041	3	3	1	1	–	–	–	–	–	–	–	–	–	–	1	–
erwell *WL*†*L*†	31251	20	16	2	1	–	1	–	–	–	–	–	–	–	–	–	6
am *W*	42159	39	13	3	2	–	1	–	–	–	–	–	–	–	–	–	–
orge Camberwell	33851	27	10	4	5	–	3	–	–	–	–	–	–	–	–	–	–
ul Deptford	53696	58	12	4	2	–	–	–	–	–	–	–	–	–	–	–	–
icholas Deptford	6487	11	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–
wich West	21098	23	7	1	3	–	–	–	–	–	–	–	–	–	–	–	–
wich East *WH*	19320	11	10	1	3	–	–	–	–	–	–	–	–	–	–	–	5
m	4528	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
sham Village *W*	16430	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
nham	11508	13	2	–	1	–	–	–	–	–	–	–	–	–	–	–	1
	19016	11	2	–	1	–	–	–	–	–	–	–	–	–	–	–	–
ton H	9503	8	5	1	–	–	–	–	–	–	–	–	–	–	–	–	2
wich Dockyard	17229	12	4	2	1	–	1	–	–	–	–	–	–	1	–	–	–
wich Arsenal H	18319	20	13	4	2	–	1	–	–	–	–	2	–	–	–	–	–
stead, West	13028	6	6	–	3	–	–	–	–	–	–	1	–	–	–	–	–
stead, East *W*	15290	14	5	1	–	–	–	–	–	–	–	–	–	1	–	1	2

llowing are Outlying Workhouses (indicated in the Tables by *w*):

. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
e Strand " " Tottenham-court sub-district.
ondon City " " Islington East.
olborn Infirmary " "
ondon City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st DECEMBER, 1872.

[Under the Superintendence of the Astronomer Royal.]

1872. MONTH AND DAY.		Moon. Phases of Moon.	Barometer. Mean daily reading (corrected and reduced to 32 degr. Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Range in day.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shown by a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Lowest
DECEMBER.			in.	°	°	°	°	°	°	°	°	°
SUNDAY . .	15	..	29·592	45·7	41·7	4·0	44·4	44·4	50·4	40·7	38·6	36·0
MONDAY . .	16	Greatest Dec. N.	29·639	43·8	36·9	6·9	39·4	38·2	51·8	31·9	38·6	36·8
TUESDAY .	17	..	29·196	48·4	39·0	9·4	42·0	38·2	48·4	36·8	40·0	37·6
WEDNESDAY	18	..	29·475	40·9	34·3	6·6	38·3	35·7	43·8	31·5	40·9	38·7
THURSDAY .	19	Apogee	29·460	41·9	33·3	8·6	38·7	38·7	48·0	27·5	41·1	39·4
FRIDAY . .	20	..	29·446	43·5	39·0	4·5	41·3	39·5	49·3	38·8	41·0	39·5
SATURDAY .	21	..	29·407	50·5	41·4	9·1	46·6	44·8	62·4	36·3	41·1	39·4
MEANS . .		..	29·459	45·0	37·9	7·0	41·5	39·9	50·6	34·8	40·2	38·2
No. of Columns		3	4	5	6	7	8	9	10	11	12	13

		Difference between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	Wind. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	Rain. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.		°	°	°	°				lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY . .	15	0·0	0·2	0·0	+ 4·2	100	E. & Calm	Calm & NW.	1·0	0·0	0·0	134	0·02	..
MONDAY . .	16	1·2	2·3	0·0	— 0·6	96	NW. & WSW.	ESE.	3·5	0·0	0·3	269	0·31	..
TUESDAY .	17	3·8	4·2	1·4	+ 2·2	87	WSW.	WNW.	10·1	0·0	1·1	525	0·64	..
WEDNESDAY	18	2·6	3·9	0·0	— 1·3	90	WNW.	W. & WSW.	2·7	0·0	0·4	368	0·11	..
THURSDAY .	19	0·0	1·8	0·0	— 0·7	100	SW, ESE, & E.	ESE. E. & ENE.	1·2	0·0	0·1	186	0·27	..
FRIDAY . .	20	1·8	2·3	1·3	+ 2·2	93	ESE. & SSE.	SSE.	2·1	0·0	0·2	213	0·13	..
SATURDAY .	21	1·8	4·6	0·0	+ 7·8	93	SSE. SSW. & SW.	WSW & SW	1·9	0·0	0·2	277	0·13	..
MEANS . .		1·6	2·8	0·4	+ 2·0	94	Variable.		..	..	..	Sum 1972	Sum 1·61	..
No. of Columns		14	15	16	17	18	19	20	21	22	23	24	25	26

DATE. DECEMBER.		ELECTRICITY.	SKY AND ATMOSPHERE.
SUNDAY .	15	Weak positive generally.	Overcast, dull, misty, and foggy throughout. Thin rain fell occasionally.
MONDAY .	16	Strong positive until the afternoon. Sparks and galvanic currents about noon.	Fine in early morning with light clouds. The sky became covered about noon, and continued so during the remainder of the day. Rain fell heavily after 5h. 30m. P.M.
TUESDAY .	17	Negative with strong tension, sparks and galvanic currents in the morning.	Heavy rain till 4h. A.M., and again after 9h. A.M., continuing till night. The sky overcast, with the exception of a short period about 8h. A.M.
WEDNESDAY	18	No electricity shown.	Rain fell in early morning. Overcast, foggy, and very gloomy at times, with a little rain between 9h. A.M. and 3h. P.M. Somewhat finer at night.
THURSDAY .	19	Weak positive at night.	The sky covered with dense clouds throughout. Almost continuous rain, though very thin at times.
FRIDAY .	20	No electricity shown.	The clouds were somewhat broken in the daytime, but the sky was overcast at night. Frequent rain.
SATURDAY .	21	Positive, increasing in tension at night.	Overcast, and rain fell in early morning. Generally cloudy till the evening. The clouds cleared away entirely by 9h. P.M. Very

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

* In reading the 17th column it will be borne in mind that + is read "*higher*," and — "*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·45 in. at the beginning of the week to 29·73 in. by noon on the 16th; decreased to 29·18 in. by noon on the 17th; increased to 29·52

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN TWENTY OTHER LARGE TOWNS OF THE UNITED KINGDOM.

By Authority of the Registrar General.

PUBLISHED BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

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General Register Office, Somerset House,
30th December 1872.

United Kingdom.

During the week ending Saturday last, 4773 *births* and 3318 *deaths* were registered in London and Twenty other large Cities and Towns of the United Kingdom. The mortality from all causes in these towns was at the rate of 23 deaths annually to every 1000 persons estimated to be living.

The annual rate of mortality was 22 per 1000 persons living in Edinburgh, 31 in Glasgow, and 24 in Dublin.

Eighteen large English Towns.

The annual rates of mortality per 1000 last week in the Eighteen English Cities and Towns were as follow:—London 19, Portsmouth 17, Norwich 26, Bristol 21, Wolverhampton 28, Birmingham 25, Leicester 27, Nottingham 27, Liverpool 29, Manchester 31, Salford 22, Oldham 35, Bradford 25, Leeds 24, Sheffield 26, Hull 30, Sunderland 28, and Newcastle-upon-Tyne 30. Scarlet fever in Oldham caused an annual death-rate equal to 14 per 1000 persons estimated to be living in the borough; the rate from the same disease was equal to nearly 3 per 1000 both in Newcastle-upon-Tyne and Birmingham.

London.

In London 1923 births and 1232 deaths were registered. After making due allowance for increase of population, the births were 88, and the deaths 470, below the average numbers in the corresponding week of the last ten years. The annual death-rate from all causes, which in the two previous weeks had been equal to 19 and 20 per 1000, declined again last week to 19; in the past 13 weeks the rate has averaged 19·8 per 1000, against 26·7, 24·1, and 25·8 in the corresponding period of the three years 1869–70–71. The rate, after distribution of the deaths in institutions in proportion to population, was 17 per 1000 in the West, 20 in the North, 18 in the Central, 20 in the East, and 20 in the South groups of Districts.

The deaths in London during the last 13 weeks have been fewer by 4655 than in the corresponding period of last year; this is equivalent to a reduction of 22 per cent. in the mortality. People of different ages were differently affected; thus if life be divided into three stages, those of the middle stage (age 20 to 60) were relieved only to the extent of 15 per cent.; persons of 60 years and upwards, 21 per cent.; and children and young persons under the age of 20 were favoured still further, as the deaths were fewer by 27 per cent. than in the previous year. The mean of the lowest night temperatures was 31° in the last 13 weeks of 1871, and 34° in 1872; so the aged and sickly have now suffered less than is usual: and as zymotic diseases were on the decline the young escaped in such great numbers. The abundant rain-fall washed the air, and diluted the noxious impurities of the waters.

The 1232 deaths last week included 10 from small-pox, 9 from measles, 18 from scarlet fever, 6 from diphtheria, 37 from whooping-cough, 22 from different forms of fever, and 16 from diarrhœa; thus to the seven principal diseases of the zymotic class 118 deaths were referred, against 115 and 89 in the two preceding weeks. The fatal cases of small-pox, scarlet fever, whooping-cough, and diarrhœa were somewhat more numerous than in the previous week. Three deaths from whooping-cough were returned in St. James Bermondsey; and 2 from scarlet fever both in Limehouse and Woolwich Dockyard sub-districts.

The deaths from small-pox, which had been but 5 in each of the two preceding weeks, rose to 10 last week, of which 2 were recorded in the small-pox hospitals at Islington and Homerton, and 4 in the South districts, including 2 in Clapham; 2 were returned as unvaccinated, 2 as vaccinated, and 6 as "not stated."

The fatality from fever continues unusually small; only 22 deaths were returned last week, or 39 less than the corrected average number in the corresponding week of the last ten years. Three were certified as typhus, 13 as enteric or typhoid, 5 as simple continued, and one as relapsing fever. The three fatal cases of typhus occurred in the Fever Hospital at Homerton, and that of relapsing fever was of an adult female in Bow.

The temperature of the air at the Royal Observatory, Greenwich, was remarkably high throughout the week, and the mean was 48°·7, or 11°·0 above the average for the corresponding week in 50 years. Rain fell on Sunday, Tuesday, and Wednesday, to the amount of ·43 of an inch; none was measured during the four other days.

Diseases of the respiratory organs and phthisis caused 416 deaths (169 less than the corrected average weekly number), against 414 and 436 in the two preceding weeks; the deaths referred to bronchitis, which had been 182 in the previous week, declined to 159.

To different forms of violence 41 deaths were referred; 35 were the result of negligence or accident, including 17 from fractures and contusions, 2 from burns and scalds, one from poison, and 12 (all of infants under one year of age) from suffocation. Four cases of suicide, and 2 of infanticide, were registered.

Three of the deaths from fractures and contusions, resulting from negligence or accident, were caused by horses or vehicles in the streets. From this class of accident 78 cases of injury and maiming came under the notice of the Police, within the London Registration area, during the seven days ending 29th instant; of these, 70 occurred in the Metropolitan and 8 in the City Police Districts.

In the large Public Institutions 205 deaths were recorded, or 17 per cent. of the total deaths; of these, 112 occurred in Workhouses, and 93 in Hospitals.

The rivers Thames and Lea have been in high flood throughout December, and Dr. Frankland, F.R.S., reports that "their waters, even after filtration, were very unsuitable for domestic use." Of the five companies drawing their supply from the Thames, only the West Middlesex delivered water "in an efficiently filtered condition," and on the 24th both the Grand Junction and the Lambeth Companies sent out "turbid and repulsive looking water." The Lea water distributed by the New River and East London Companies was efficiently filtered; and that supplied by the Kent Company and pumped from deep wells was not affected by the heavy rain-fall, its brilliancy remaining unimpaired. Taking unity to represent the amount of organic impurity contained in the Kent Company's water, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was:—New River 4·7, West Middlesex 5·8, Chelsea 6·6, East London 6·7, Southwark 7·0, Grand Junction 7·2, and Lambeth 7·6. Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water supplied to that town on the 6th was slightly turbid, and showed an increase of impurities.

Major Bolton, R.E., Water Examiner to the Board of Trade, reports that the condition of the Thames at the in-takes of all the Companies drawing their supply from the river was turbid and unsatisfactory during the month ending 15th December; this was especially the case at Ditton where the Chelsea Company now alone draws its supply. The Chelsea, Lambeth, Grand Junction, and Southwark and Vauxhall Companies are in need of "sufficient subsiding and impounding reservoirs;" the Lambeth Company is also "evidently short of efficient means of filtration." The Chelsea Company is said to be about to apply to Parliament for powers to remove its in-take higher up the river.

Indian Cities.

In Bombay the deaths registered during the week ending November 26th were 307, including 127 from remittent fever, and the annual death-rate was equal to 25 per 1000. In Calcutta 353 deaths were returned in the week ending the 23rd ultimo; 51 deaths were referred to cholera, against 29, 30, and 47 in the three preceding weeks. In Madras the 224 deaths in the week ending the 29th ultimo showed an annual death-rate equal to 30 per 1000.

Foreign Cities.

In Paris 745 deaths were returned in the week ending last Friday, and the annual death-rate was equal to 21 per 1000 of the estimated population. In

Brussels 85 deaths occurred in the week ending the 21st instant, and the annual death-rate was 24 per 1000. In Berlin during the week ending last Thursday 425 deaths were recorded, showing an annual rate of 27 per 1000; 19 deaths were referred to enteric fever. In Vienna 367 deaths in the week ending the 21st instant gave an annual rate of 31 per 1000. In Rome 144 deaths were registered in the week ending 15th instant, and the annual death-rate was 31 per 1000.

In the City of New York 507 deaths were registered in the week ending 7th December, and the equivalent annual rate of mortality was 28 per 1000. In Philadelphia 253 deaths were returned during the same week, equal to a death-rate of 20 per 1000.

Meteorology.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 in.; the highest reading was 29·74 in. at noon on Sunday 22nd instant, and the lowest 28·97 in. at noon on Wednesday. The mean temperature of the *air* was 48°·7, or 11°·0 above the average in the corresponding week of the 50 years 1814–63, as determined by Mr. Glaisher from thermometrical observations at the Royal Observatory. The mean was considerably above the average on each day of the week; the smallest excess was 9°·3 on Tuesday, when the mean was 47°·1, while on Sunday 22nd the mean was 51°·2, or 12°·7 above the average. The highest day temperature in the shade was 55°·4 on Sunday, and the lowest night temperature 43°·3 on Sunday; the extreme range in the week was, therefore, 12°·1. The highest temperature in the sun, as shown by a self-registering thermometer with a blackened bulb in vacuo, placed on the grass, was 82°·4 on Saturday. The difference between the mean *dew-point* and *air* temperature averaged 4°·3. The mean temperature of the water in the Thames, derived from daily observations taken by permission of the Chief Commissioner of the Metropolitan Police at the "Scorpion" Police Ship, was 43°·5. The mean degree of *humidity* of the air was 85, complete saturation being represented by 100. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 15 miles per hour. *Rain* fell on Sunday, Tuesday, and Wednesday, to the amount of 0·43 of an inch, of which 0·31 of an inch fell on Wednesday.

The mean temperature of the week in the other large English towns furnishing returns ranged from 44°·7 in Hull and Newcastle, to 48°·5 in Bradford; the lowest recorded night temperature was 36°·0 in Portsmouth, and the highest day temperature in the shade 56°·2 in the same town. Rain was measured in each of the towns; the amounts varied from ·16 of an inch in Hull, to ·95 of an inch in Liverpool.

According to returns furnished by the Engineers of the Metropolitan Board of Works, the average daily quantity of sewage pumped into the River Thames at Crossness was 381,019 cubic metres, and at Barking 329,935 cubic metres, equivalent to about as many tons by weight.

Note.—A cubic metre is equal in volume to about 35 cubic feet or to 220 imperial gallons.

The Registrar General has to acknowledge the courtesy of the London Water Companies, who have furnished him with the average daily quantity of Water supplied for the month of November 1872: thus, according to their account, 103,160,394 gallons or 468,705 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight) were supplied daily; or 206·3 gallons (93·7 decalitres), rather less than a *ton* by weight, to each house, and 29·1 gallons (13·2 decalitres) to each person.

According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that, during the year 1866, about 82 per cent. of the total average daily supply of water for all purposes was for domestic use: applying this proportion to the total quantity supplied daily in the month of November 1872, it may be estimated that about 84,591,523 gallons were probably used for domestic purposes, or about 23·8 gallons per day for each inhabitant. This proportion no doubt varies from month to month, but the Registrar General has no means of giving a more exact estimate.

Companies.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons (including that for Manufactures and for various purposes other than for domestic consumption) during the Month of	
	November 1871.	November 1872.	November 1871.	November 1872.
Total Supply	491,719	499,973	103,055,193	103,160,394
From Thames	228,833	233,581	53,794,252	54,572,344
From Lea and from other Sources	262,886	266,392	49,260,941	48,588,050
Thames.				
Chelsea	27,949	28,247	7,759,700	8,342,600
West Middlesex	42,765	44,032	9,014,374	8,989,377
Southwark and Vauxhall	78,658	79,033	16,429,575	16,459,794
Grand Junction	32,316	33,500	10,859,703	10,507,073
Lambeth	47,145	48,769	9,730,900	10,273,500
Lea and other Sources.				
New River	119,666	120,655	23,153,000	21,727,000
East London	102,624	104,196	19,727,000	20,431,000
Kent	40,596	41,541	6,380,341	6,430,050

Note.—The Return for November 1872, as compared with that for the corresponding month of 1871, shows an increase of 8,254 houses and of 105,201 gallons of water supplied daily.

Analysis of Metropolitan Water Supply for December.

Sir, *Royal College of Chemistry, 28th December* 1872.

I have the honour to submit to you in the following table the results of the chemical examination of the waters supplied to the Metropolis during the month of December. I append also the analysis of the Birmingham water supply furnished by Dr. Hill.

Taking the amount of organic impurity in the Kent Company's water as unity, the proportional amount in an equal volume of water supplied by each of the other Metropolitan Companies was :— New River 4·7, West Middlesex 5·8, Chelsea 6·6, East London 6·7, Southwark 7·0, Grand Junction 7·2, and Lambeth 7·6.

The Thames and Lea have been in high flood during the month, and their waters, even after filtration, were very unsuitable for domestic use. Of the five companies which draw their supply from the Thames, only one (the West Middlesex Company) delivered the water in an efficiently filtered condition. On the 3rd instant the samples drawn from the mains of the Chelsea, Southwark, Grand Junction, and Lambeth Companies were slightly turbid ; and again on the 24th instant the Grand Junction and Lambeth Companies delivered turbid and repulsive looking water, that supplied by the Chelsea and Southwark Companies being slightly turbid. The water of the Lea, which is distributed by the New River and East London Companies, was efficiently filtered on both occasions when samples were drawn for analysis. The Kent Company's water, which is pumped from deep wells in the chalk, has not been affected by the heavy rain-fall ; its brilliancy remained unimpaired.

Dr. Hill, the Medical Officer of Health for Birmingham, reports that the water delivered in that town on the 6th instant was slightly turbid, and that the impurities had increased since last month.

I am, &c.

The Registrar General, &c., &c. E. Frankland.

Results of Analysis expressed in Parts per 100,000.

Companies.	Date and Place of Collection.	Temperature in centigrade degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.
Thames.		°									
Chelsea	3rd December, Cab Rank, Horse Guards	8·3	26·66	·411	·044	·005	·221	·269	1930	2·00	19·7
West Middlesex	3rd December, Cab Rank, Portland-road	9·0	28·74	·366	·037	·005	·211	·252	1830	1·95	20·0
Southwark and Vauxhall	3rd December, Cab Rank, St. George's Church, Borough.	8·7	29·52	·434	·052	·001	·199	·252	1680	1·90	20·0
Grand Junction	3rd December, Cab Rank, Woodstock-street.	8·0	28·52	·433	·063	·002	·213	·278	1830	1·90	20·0
Lambeth	3rd December, Cab Rank, Westminster Bridge-road.	8·2	29·12	·463	·061	·002	·224	·287	1940	1·80	20·3
Other Sources.											
New River	3rd December, Cab Rank, Tottenham-court-road.	8·7	30·74	·275	·050	·003	·290	·343	2600	1·65	22·7
East London	2nd December, Royal Hotel, Mile-end-road.	8·0	35·16	·402	·058	·002	·321	·381	2910	1·95	23·0
Kent	2nd December, Deptfd. Bdge. Police Stat.	12·2	42·16	·058	·011	·000	·439	·450	4070	2·40	29·4
Birmingham*	December, Birmingham Waterworks	—	28·44	·335	·043	·006	·394	·442	3679	2·06	16·4
Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.

* Analysed by Dr. Alfred Hill, of Queen's College, Birmingham.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, 11, and 12 all relate to 100,000 parts of the waters. The Table is to be read thus : the Chelsea Company's water collected on the 3rd December at the Horse Guards' cab-rank had a temperature of 8°·3 C. ; 100,000 lbs. of it contained 26·66 lbs. of solid impurity; the organic matter, constituting a portion of this impurity, contained ·411 lb. of carbon and ·044 lb. of nitrogen. The above quantity of water also contained ·005 lb. of ammonia and ·221 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of *combined* nitrogen in every form was ·269 lb. After its descent to the earth as rain, 100,000 lbs. of the water had been contaminated with animal matter equivalent to that contained in 1930 lbs. of average London sewage. By gradual oxidation, this animal contamination had been, so far as analysis can show, converted into innocuous inorganic compounds before the water was submitted to investigation. The above weight of water also contained 2·0 lbs. of chlorine. Finally, 100,000 lbs. of the water contained 19·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLES.

TABLE 1. LONDON.—**Births** and **Deaths** Registered LAST WEEK, and in the FIFTY-SECOND Week of Ten previous Years.

	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	Weekly Average in 10 Years.	1872
TOTAL **Births**	1610	1532	1956	1674	1900	1701	1664	2309	2041	1891	1827·8	1923
Males . .	829	805	1000	869	990	887	808	1205	1076	993	946·2	1000
Females .	781	727	956	805	910	814	856	1104	965	898	881·6	923
TOTAL **Deaths**	1292	1312	1697	1603	1436	1433	1262	1996	1760	1686	1547·7	1232
Males .	657	649	846	773	753	724	619	1028	894	823	776·6	622
Females .	635	663	851	830	683	709	643	968	866	863	771·1	610

Note.—The births and deaths registered last week may be compared with the average numbers in the corresponding weeks of the ten years 1862-71 after raising the average by a tenth part for increase of population.

TABLE 2. LONDON.—DEATHS and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.
TOTAL **Deaths** - - -	1276	1218	1369	1381	1306	1181	1183	1277	1221	1205	1199	1288	1232
Deaths under 5 years of age -	541	512	579	548	508	463	468	484	453	454	450	432	449
Deaths 5—20 - -	84	81	98	70	84	81	76	88	70	71	82	75	72
Deaths 20—40 - - -	197	199	206	213	187	161	167	188	179	199	151	181	188
Deaths 40—60 - - -	202	194	232	251	240	219	222	237	243	228	231	256	213
Deaths 60—80 - - -	212	181	203	240	255	212	211	228	224	208	243	289	258
Deaths at 80 years & upwards	40	51	51	59	32	45	39	52	52	45	42	55	52
Deaths from Small-pox - -	10	7	17	6	14	15	13	13	8	8	5	5	10
„ „ Measles - -	9	7	15	4	12	11	7	11	15	10	11	17	9
„ „ Scarlet fever -	20	21	17	22	21	14	14	23	13	12	17	11	18
„ „ Diphtheria -	5	5	12	9	2	3	6	5	4	5	3	5	6
„ „ Whooping-cough	31	34	37	31	28	25	32	26	27	30	38	26	37
„ „ Typhus fever -	6	4	3	3	4	2	2	1	1	4	1	1	3
„ „ Enteric (or Typhoid) fever -	19	16	19	19	14	19	18	14	15	21	21	12	13
„ „ Simple Continued fever	4	11	4	6	6	7	2	4	3	1	6	3	6
„ „ Diarrhœa - -	50	45	36	32	18	19	15	14	21	17	13	9	16
„ „ Simple Cholera -	—	—	3	—	—	—	—	—	—	1	—	—	1
„ „ Phthisis - -	152	150	163	167	155	142	131	149	142	151	135	149	135
„ „ Bronchitis - -	134	143	190	204	182	168	149	177	146	164	159	182	159
„ „ Pneumonia - -	81	78	80	104	91	93	81	71	76	81	84	75	78
„ „ Heart Disease -	67	75	66	66	77	65	55	81	88	69	65	81	72
Mean Temperature of the Air	52·4	47·3	44·4	47·4	49·7	50·3	37·9	43·9	48·0	41·9	38·6	41·5	48·7
Mean Temperature of the Water of the Thames -	54·5	53·2	49·7	49·0	49·1	49·5	46·5	42·0	45·1	43·7	39·3	39·2	43·5
Humidity of the Air - -	86	85	92	92	90	87	88	90	86	87	88	94	85
Rain-fall in inches - -	0·49	0·64	0·50	2·04	0·94	0·33	0·90	0·70	0·77	1·13	0·74	1·61	0·43

METEOROLOGICAL OBSERVATIONS. (*See* TABLE 3.)

The Return for Edinburgh and Glasgow is kindly furnished by the Registrar General of Scotland, the meteorological observations being supplied respectively by A. K. Johnston, Esq., of Edinburgh, and Professor Grant of Glasgow Observatory; that for Dublin by the Registrar General of Ireland.

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—W. C. Ellis, Esq., F.M.S., Portsmouth; J. Gibson, Esq., F.M.S., Norwich; J. Thrustans, Esq., F.M.S., Wolverhampton; D. Smith, Esq., F.R.A.S., F.M.S., Nottingham; H. Billson, Esq., F.M.S., Leicester; M. O. Tarbotton, Esq., F.G.S., F.M.S., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; T. Mackereth, Esq., F.R.A.S., F.M.S., Eccles, near Manchester; G. V. Vernon, Esq., F.R.A.S., F.M.S., Old Trafford, Manchester; D. Doncaster, Esq., jun., F.M.S., Sheffield; J. McLandsborough, Esq., F.G.S., F.M.S., Bradford; Ed. Filliter, Esq., F.G.S., F.M.S., Leeds; Mr. E. Peak, Hull; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 3.—BIRTHS and DEATHS registered, and METEOROLOGY, during the Week ending Saturday the 28th day of December 1872, in the following large TOWNS.

CITIES AND BOROUGHS. (*Municipal Boundaries for all except* LONDON.)	Area in Acres.	POPULATION estimated to the middle of the Year 1872.*	Persons to an Acre. (1872.)	BIRTHS registered during the Week ending 28th Dec. 1872.	DEATHS registered during the Week ending 28th Dec. 1872.	TEMPERATURE OF THE AIR. (FAHRENHEIT.) Highest during the Week.	Lowest during the Week.	Weekly Mean of the Daily Mean Values.	TEMPERATURE OF THE AIR. (CENTIGRADE.) Weekly Mean of the Daily Mean Values.	RAIN FALL In Inches.	In Centimetres
Total of 21 TOWNS in the UNITED KINGDOM	217,531	7,393,052	34·0	4773	3318	56·2	33·0	46·8	8·22	0·62	1·5
LONDON	78,080	3,311,298	42·4	1923	1232	55·4	43·3	48·7	9·28	0·43	1·0
PORTSMOUTH	9,513	115,455	12·1	64	38	56·2	36·0	47·8	8·78	0·65	1·6
NORWICH	7,472	81,105	10·9	44	41	51·5	39·5	45·6	7·55	0·20	0·5
BRISTOL	4,688	186,428	39·8	113	74	—	—	—	—	—	—
WOLVERHAMPTON	3,387	69,268	20·5	47	37	51·7	42·8	47·2	8·44	0·37	0·9
BIRMINGHAM	7,831	350,164	44·7	258	165	53·8	41·8	47·3	8·50	0·38	0·9
LEICESTER	3,200	99,143	31·0	64	51	51·7	41·0	47·0	8·33	0·26	0·6
NOTTINGHAM	1,996	88,225	44·2	78	45	51·7	40·9	46·2	7·89	0·30	0·7
LIVERPOOL	5,108	499,897	97·9	294	277	53·0	41·5	47·2	8·44	0·95	2·4
MANCHESTER	4,486	352,759	78·6	251	210	52·0	40·0	47·0	8·33	0·44	1·1
SALFORD	5,172	127,923	24·7	90	53	51·8	38·3	46·7	8·16	0·48	1·2
OLDHAM	4,167	84,004	20·2	66	56	52·5	—	—	—	0·48	1·2
BRADFORD	6,590	151,720	23·0	117	74	54·0	41·0	48·5	9·16	0·29	0·7
LEEDS	21,572	266,564	12·4	197	124	53·0	41·0	47·3	8·50	0·23	0·5
SHEFFIELD	22,830	247,847	10·9	228	125	51·0	40·5	46·9	8·28	0·25	0·6
HULL	3,562	124,976	35·1	95	71	50·0	39·0	44·7	7·06	0·16	0·4
SUNDERLAND	3,306	100,665	30·4	117	54	—	—	—	—	—	—
NEWCASTLE-ON-TYNE	5,336	130,764	24·5	111	74	51·0	38·0	44·7	7·06	0·69	1·7
EDINBURGH	4,427	205,146	46·3	119	86	53·0	37·7	47·5	8·61	1·30	3·3
GLASGOW	5,063	489,136	94·8	376	288	50·1	36·2	44·6	7·00	3·16	8·0
DUBLIN	9,745	310,565	31·9	121	143	56·0	33·0	47·5	8·61	0·78	1·9

* The figures in this column, excepting those for London and Dublin, are the unrevised numbers enumerated in April 18 raised to the middle of 1872 by the addition of a year and a quarter's increase, calculated on the rate which prevail between 1861 and 1871. The London population is now based upon the number enumerated in April 1871, as *revised* at t Census Office. The population of Dublin is taken as stationary at the number enumerated in April 1871.

TABLE 4.—DEATHS and RATE OF MORTALITY in 18 large ENGLISH TOWNS, and in DUBLIN, during the We ending Saturday the 28th day of December 1872.

BOROUGHS, &c. (*Municipal Boundaries for all except* LONDON.)	ANNUAL RATE of MORTALITY per 1000 living.	DEATHS from ALL CAUSES.	The DEATHS registered in the Week include: Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public
Total of 18 TOWNS	23	2801	722	626	20	51	108	12	72	72	41	90	171	35
LONDON	19	1232	306	310	10	9	18	6	37	22	16	41	81	20
PORTSMOUTH	17	38	8	10	2	–	–	–	–	4	1	–	–	
NORWICH	26	41	7	14	–	3	3	–	2	1	–	1	4	
BRISTOL	21	74	13	24	–	–	–	1	2	2	2	2	2	
WOLVERHAMPTON	28	37	10	11	–	–	2	–	–	1	–	–	–	
BIRMINGHAM	25	165	39	30	1	3	17	2	2	5	3	10	18	1
LEICESTER	27	51	14	7	1	1	–	–	–	2	1	–	–	
NOTTINGHAM	27	45	16	13	–	–	–	–	–	–	–	–	3	
LIVERPOOL	29	277	89	63	1	13	1	1	6	9	9	20	27	2
MANCHESTER	31	210	51	31	1	13	12	–	3	6	1	3	11	3
SALFORD	22	53	13	10	–	3	6	1	–	2	1	–	1	
OLDHAM	35	56	6	9	–	–	22	–	–	1	2	–	1	
BRADFORD	25	74	26	9	–	2	4	–	1	–	–	2	2	
LEEDS	24	124	32	22	4	2	6	–	2	5	–	4	7	
SHEFFIELD	26	125	36	24	–	–	6	–	2	9	1	2	8	
HULL	30	71	20	14	–	2	1	–	6	2	1	–	–	
SUNDERLAND	28	54	12	11	–	–	3	1	7	–	1	3	3	
NEWCASTLE-ON-TYNE	30	74	24	14	–	–	7	–	2	1	2	2	3	
DUBLIN	24	143	25	29	–	1	5	–	4	2	3	8	4	3

TABLE 5.—DEATHS Registered in LONDON in the FIFTY-SECOND Week of the Year 1872.

USES OF DEATH.	Average in the Fifty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 28, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem. ° 48·7	0–5.	5–20.				
Mean Temperature	38·9							
L CAUSES	1547·7	1232	449	72	188	213	258	52
PECIFIED CAUSES	1531·1	1226	444	72	188	213	257	52
'MOTIC DISEASES.								
ORDER 1.								
mall-pox	33·5	10	3	5	2	–	–	–
easles	44·8	9	8	1	–	–	–	–
arlet Fever (Scarlatina)	69·5	18	11	7	–	–	–	–
phtheria	10·5	6	3	1	2	–	–	–
inay	1·9	–	–	–	–	–	–	–
oup	15·6	13	11	2	–	–	–	–
hooping-cough	54·4	37	36	1	–	–	–	–
phus }		3	–	–	1	2	–	–
iteric or Typhoid Fever }	55·2	13	2	7	4	–	–	–
nple continued Fever }		6	2	2	1	–	1	–
ysipelas	10·1	6	2	–	1	3	–	–
erperal Fever (Metria)	4·0	8	–	–	7	1	–	–
rbuncle	·6	1	–	–	–	1	–	–
fluenza	1·3	–	–	–	–	–	–	–
sentery	1·7	–	–	–	–	–	–	–
rrhœa	11·4	16	11	–	–	1	3	1
nple Cholera	·3	1	–	1	–	–	–	–
ue	·4	–	–	–	–	–	–	–
mittent Fever	·7	–	–	–	–	–	–	–
eumatism	8·1	11	–	5	4	1	1	–
her *Zymotic* Diseases	·1	–	–	–	–	–	–	–
ORDER 2.								
philis	7·6	4	3	–	1	–	–	–
icture of Urethra	·6	2	–	–	–	2	–	–
drophobia	—	–	–	–	–	–	–	–
anders	·1	–	–	–	–	–	–	–
ORDER 3.								
ivation	·2	–	–	–	–	–	–	–
ant of Breast-milk	7·4	6	6	–	–	–	–	–
rpura and Scurvy	1·7	2	1	–	–	–	1	–
co- { *a* Del. Tremens	1·2	2	–	–	–	2	–	–
sm { *b* Intemperance	2·4	–	–	–	–	–	–	–
ORDER 4.								
rush	2·2	1	1	–	–	–	–	–
orms, &c.	·3	–	–	–	–	–	–	–
NSTITUTIONAL DIS.								
ORDER 1.								
ut	2·2	5	–	–	–	–	5	–
ropsy	14·0	7	4	–	–	2	1	–
ncer	24·2	34	–	–	8	17	9	–
ncrum Oris (Noma)	·7	–	–	–	–	–	–	–
ortification	3·8	3	–	–	–	2	–	1
ORDER 2.								
rofula	9·6	4	1	3	–	–	–	–
bes Mesenterica	15·3	15	14	1	–	–	–	–
thisis	164·4	135	11	11	69	38	6	–
ydrocephalus	25·7	20	19	1	–	–	–	–
LOCAL DISEASES.								
ORDER 1.								
phalitis	11·6	22	15	2	4	1	–	–
poplexy	38·3	49	4	–	6	12	23	4
ralysis	31·9	34	1	3	–	9	17	4
sanity	2·9	2	–	–	1	1	–	–
horea	·2	–	–	–	–	–	–	–
pilepsy	7·3	10	2	1	3	3	–	1
nvulsions	49·4	38	38	–	–	–	–	–
rain Disease, &c.	17·9	23	2	1	3	9	7	1
ORDER 2.								
ericarditis	2·4	2	–	–	1	1	–	–
neurism	2·2	3	–	–	–	3	–	–
eart Disease, &c.	73·1	72	–	4	17	22	24	5
ORDER 3.								
aryngitis	9·6	11	9	1	–	1	–	–
ronchitis	221·6	159	58	–	6	25	61	9
leurisy	4·8	3	–	1	1	–	1	–
neumonia	95·8	78	40	6	6	10	15	1
sthma	17·7	14	–	–	–	1	12	1
ung Disease, &c.	17·5	16	7	1	2	4	1	1
ORDER 4.								
astritis	1·3	1	–	–	1	–	–	–
nteritis	4·8	4	2	–	1	–	1	–
eritonitis	4·3	7	–	1	2	1	3	–
scites	3·5	3	–	–	–	–	3	–
lceration of Intestines	2·2	2	–	1	–	1	–	–
ernia	4·0	3	1	–	1	1	–	–
eus	2·9	4	–	–	1	2	1	–
ntussusception	1·5	–	–	–	–	–	–	–

CAUSES OF DEATH.	Average in the Fifty-second Weeks of the 10 years 1862-71.	In the Week ending Saturday, December 28, 1872. Deaths of Persons of the Ages: ALL AGES.	Under 20.		20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
		Mean Tem. ° 48·7	0–5.	5–20.				
Mean Temperature	38·9							
9. Stricture of Intestines	1·0	–	–	–	–	–	–	–
10. Fistula	·9	1	–	–	1	–	–	–
11. *Stomach Disease, &c.*	6·0	6	2	–	–	1	3	–
12. *Pancreas Disease, &c.*	—	–	–	–	–	–	–	–
13. Hepatitis	3·2	2	–	–	–	1	1	–
14. Jaundice	3·0	6	3	–	–	–	3	–
15. *Liver Disease, &c.*	15·6	15	1	–	3	8	3	–
16. *Spleen Disease, &c.*	·1	1	1	–	–	–	–	–
ORDER 5.								
1. Nephritis	1·4	1	–	–	–	1	–	–
2. Ischuria	—	–	–	–	–	–	–	–
3. Bright's Disease (Nephria)	10·7	19	–	1	10	5	3	–
4. Diabetes	1·4	1	–	1	–	–	–	–
5. Calculus (Stone)	·8	–	–	–	–	–	–	–
6. Cystitis	1·8	1	–	–	–	–	1	–
7. *Kidney Disease, &c.*	8·9	10	1	–	1	3	4	1
ORDER 6.								
1. Ovarian Dropsy	·5	1	–	–	–	–	1	–
2. *Uterus Disease, &c.*	5·9	4	–	–	–	4	–	–
ORDER 7.								
1. Synovitis (Arthritis)	·1	1	–	–	–	1	–	–
2. *Joint Disease, &c.*	4·2	4	–	1	2	1	–	–
ORDER 8.								
1. Phlegmon	2·2	–	–	–	–	–	–	–
2. Ulcer	1·6	–	–	–	–	–	–	–
3. *Skin Disease, &c.*	1·5	2	1	–	–	–	1	–
IV. DEVELOPMENTAL DISEASES.								
ORDER 1.								
1. Premature Birth	21·8	23	23	–	–	–	–	–
2. Cyanosis	1·2	2	2	–	–	–	–	–
3. Spina Bifida	1·1	1	1	–	–	–	–	–
4. Other Malformations	2·0	3	3	–	–	–	–	–
5. Teething	13·9	15	15	–	–	–	–	–
ORDER 2.								
1. Paramenia	·7	–	–	–	–	–	–	–
2. Childbirth (*see* Puerperal Fever)	6·3	6	–	–	6	–	–	–
ORDER 3.								
1. Old Age	60·1	47	–	–	–	–	26	21
ORDER 4.								
1. Atrophy and Debility	61·7	55	45	–	–	3	7	–
V. VIOLENT DEATHS, &c.								
ORDER 1. (ACCIDENT OR NEGLIGENCE.)								
1. Fractures and Contusions	15·7	17	2	–	2	4	8	1
2. Wounds { Gunshot	·6	–	–	–	–	–	–	–
2. Wounds { Cut, Stab		1	–	–	1	–	–	–
3. Burns and Scalds	8·9	2	1	–	1	–	–	–
4. Poison	1·0	1	–	–	1	–	–	–
5. Drowning	3·8	–	–	–	–	–	–	–
6. Suffocation	15·1	12	12	–	–	–	–	–
7. Otherwise	2·5	2	1	–	1	–	–	–
ORDER 3. (HOMICIDE.)								
1. Murder and Manslaughter	2·5	2	2	–	–	–	–	–
ORDER 4. (SUICIDE.)								
1. Wounds { Gunshot	·2	–	–	–	–	–	–	–
1. Wounds { Cut, Stab	1·0	1	–	–	–	1	–	–
2. Poison	·8	1	–	–	–	1	–	–
3. Drowning	·4	1	–	–	1	–	–	–
4. Hanging	1·6	1	–	–	1	–	–	–
5. Otherwise	·3	–	–	–	–	–	–	–
ORDER 5. (EXECUTION.)								
1. Hanging	—	–	–	–	–	–	–	–
Violent Deaths (not classed)	·7	–	–	–	–	–	–	–
Sudden Deaths (Cause unascertained)	2·8	–	–	–	–	–	–	–
Causes not specified or ill-defined	13·8	6	5	–	–	–	1	–

OTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence."

TABLE 6. LONDON.—POPULATION, BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARL during the Week endi

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include												
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.
LONDON	3,251,804	1923	1232	306	310	10	9	18	6	37	3	13	6	16	41	81
WEST DISTRICTS	561,189	236	194	39	54	–	1	2	–	6	–	1	–	2	5	4
NORTH DISTRICTS	751,668	500	298	61	83	3	–	3	3	9	–	4	1	2	11	26
CENTRAL DISTRICTS	333,887	170	131	32	38	–	–	1	1	1	–	1	–	–	4	7
EAST DISTRICTS	638,928	384	256	66	46	3	5	7	–	11	–	1	1	3	12	26
SOUTH DISTRICTS	966,132	583	353	108	89	4	3	5	2	10	3	6	4	9	9	18
WEST DISTRICTS.																
St. Mary Paddington *WH*	58702	26	21	3	8	–	–	–	–	–	–	–	–	–	–	–
St. John Paddington H	38082	12	12	1	3	–	–	–	–	–	–	–	–	–	–	–
Kensington Town *WL*	91583	53	20	7	4	–	–	–	–	1	–	–	–	1	–	–
Brompton H	28651	21	10	–	2	–	–	–	–	–	–	–	–	–	–	–
St. Peter Hammersmith	6662	3	2	1	–	–	–	–	–	1	–	–	–	–	–	–
St. Paul Hammersmith H	36030	22	17	3	6	–	1	1	–	–	–	–	–	–	–	–
Fulham *WLLLL*	23378	21	8	5	1	–	–	–	–	2	–	–	–	–	–	–
Chelsea South HH	28419	13	7	1	3	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-west *HWw*	23278	19	13	1	7	–	–	–	–	–	–	–	–	–	–	–
Chelsea North-east L	21389	10	7	1	3	–	–	–	–	–	–	–	–	–	–	1
Hanover Square	18700	10	2	–	–	–	–	–	–	–	–	–	–	–	–	–
May Fair *W*	13020	5	5	1	–	–	–	–	–	–	–	–	–	–	–	–
Belgrave HH	58043	24	25	4	7	–	–	–	–	–	–	–	–	–	3	3
St. John Westminster HHH	38470	14	15	6	2	–	–	1	–	2	–	1	–	–	–	–
St. Margaret Westminster *WWHH*	27640	8	15	2	3	–	–	–	–	–	–	–	–	1	–	–
St. James's Square	10453	1	4	1	3	–	–	–	–	–	–	–	–	–	–	–
Golden Square *W*	12855	7	6	1	2	–	–	–	–	–	–	–	–	–	–	–
Berwick-street	10279	9	1	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Anne Soho HH	17555	8	4	1	–	–	–	–	–	–	–	–	–	–	–	–
NORTH DISTRICTS.																
All Souls Marylebone HH	28574	15	27	2	8	–	–	1	–	2	–	–	–	–	2	3
Cavendish Square	15419	6	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Rectory Marylebone *WH*	26387	19	22	2	8	–	–	–	–	–	–	–	–	–	–	–
St. Mary Marylebone H	21795	17	8	2	–	–	–	–	–	–	–	–	–	1	–	–
Christchurch Marylebone	33892	17	6	2	–	–	–	–	–	–	–	1	–	–	–	–
St. John Marylebone	33110	13	10	6	1	–	–	–	–	–	–	–	–	–	1	1
Hampstead *WHHH*	32271	16	9	2	3	–	–	–	–	–	–	–	–	–	–	–
Regent's Park Pancras	38192	27	8	1	4	–	–	–	–	–	–	–	–	–	1	2
Tottenham-court *wH*	29360	18	9	2	2	–	–	–	–	–	–	–	–	–	1	1
Gray's Inn Lane H	29216	15	9	1	3	–	–	–	–	1	–	–	–	–	1	1
Somers Town	38562	18	14	3	2	–	–	–	–	–	–	–	–	–	1	4
Camden Town *W*	18066	14	10	2	3	–	–	–	–	1	–	–	–	–	1	1
Kentish Town *W*	68198	63	30	9	2	–	–	–	1	1	–	1	–	–	1	2
Islington West HHH	97801	67	44	10	9	1	–	1	1	1	–	2	–	–	2	10
Islington East *WwwH*	115948	82	37	7	14	–	–	1	–	2	–	–	–	1	–	–
Stoke Newington L	9810	18	3	–	3	–	–	–	–	–	–	–	–	–	–	–
Stamford Hill	6599	1	4	–	2	–	–	–	–	–	–	–	–	–	–	–
West Hackney	28076	19	16	2	7	–	–	–	–	–	–	–	–	1	–	–
Hackney *WwHHL*	50087	28	19	6	4	2	–	1	1	–	–	–	–	–	–	1
South Hackney L	30305	27	12	2	8	–	–	–	–	–	–	–	–	–	–	–
CENTRAL DISTRICTS.																
St. George Bloomsbury	17843	9	5	2	2	–	–	–	–	–	–	–	–	–	–	–
St. Giles South *WH*	19089	9	18	2	10	–	–	–	–	–	–	–	–	–	–	1
St. Giles North	16497	5	2	1	1	–	–	–	–	–	–	–	–	–	–	–
Long Acre	11326	6	3	1	–	–	–	–	–	–	–	–	–	–	–	–
Charing Cross H	9831	2	4	–	–	–	–	–	–	–	–	1	–	–	–	–
St. Mary-le-Strand	9876	1	4	1	–	–	–	–	–	–	–	–	–	–	–	–
St. Clement Danes H	10711	4	7	2	–	–	–	–	1	–	–	–	–	–	–	1
St. George-the-Martyr HHH	20521	12	9	4	–	–	–	–	–	–	–	–	–	–	–	–
St. Andrew Eastern *W*	13528	7	10	2	8	–	–	–	–	–	–	–	–	–	–	–
Saffron Hill	9051	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
St. James Clerkenwell *W*	18912	16	8	4	3	–	–	–	–	–	–	–	–	–	–	–
Amwell Clerkenwell	16878	10	5	2	2	–	–	–	–	–	–	–	–	–	–	–
Pentonville	13293	7	3	–	1	–	–	–	–	–	–	–	–	–	–	–
Goswell-street	16220	11	7	3	2	–	–	1	–	–	–	–	–	–	–	–
Old-street H	12156	9	5	1	2	–	–	–	–	–	–	–	–	–	–	–
City-road *WHHL*	18291	23	4	2	2	–	–	–	–	–	–	–	–	–	–	1
Whitecross-street	13790	6	3	2	1	–	–	–	–	–	–	–	–	–	1	1
Finsbury	10732	5	2	1	–	–	–	–	–	–	–	–	–	–	–	1
St. Botolph East London HH	14484	5	5	1	1	–	–	–	–	–	–	–	–	–	–	–
Cripplegate	13639	6	3	1	1	–	–	–	–	–	–	–	–	–	–	1
St. Sepulchre H	7562	3	10	–	2	–	–	–	–	–	–	–	–	–	3	2
St. Bride *W*	11184	6	5	–	2	–	–	–	1	–	–	–	–	–	–	–
Castle Baynard	4389	2	2	–	1	–	–	–	–	–	–	–	–	–	–	–
Christchurch	6308	2	2	–	2	–	–	–	–	–	–	–	–	–	–	–
Queenhithe	4744	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Allhallows Barking	5694	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Broad Street	7838	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–

NOTE.—The letters placed against the names of the sub-districts denote public institutions, namely :—
W—Workhouse;
H—Hospital;
L—Lunatic Asylum;
w—A Workhouse not belonging to the district in which it is situated.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT rday, 28th December 1872.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	Total BIRTHS during the Week.	Total DEATHS during the Week.	The DEATHS registered in the Week include													
				Under 1 Year of Age.	60 Years of Age and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhœa.	Violence.	Inquest Cases.	In Public Institutions.
EAST DISTRICTS.																	
well Shoreditch	12429	4	4	2	-	1	-	-	-	-	-	-	-	-	1	1	-
Leonard Shoreditch HL†	16545	10	10	3	2	-	-	1	-	-	-	-	-	-	-	2	1
ton New Town *w*	27832	21	9	3	3	-	-	1	-	-	-	-	-	1	-	-	2
ton Old Town	26944	28	10	2	2	1	-	-	-	-	-	-	-	-	-	-	-
gerstone West *W*	24153	20	17	3	6	-	-	-	-	1	-	1	-	1	-	-	7
gerstone East	19257	14	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
kney-road	29808	24	10	4	-	-	-	-	-	1	-	-	-	2	2	3	-
n, Bethnal Green *WHL*†	42443	26	17	5	2	-	-	1	-	-	-	-	-	-	2	3	-
rch, Bethnal Green	26574	14	17	2	6	-	2	-	-	-	-	-	-	-	5	-	-
n, Bethnal Green	21375	12	7	1	1	-	-	-	-	-	-	-	-	-	1	-	-
llery Whitechapel	6651	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-
ldfields	15844	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
End New Town *W*	15550	8	6	1	-	-	-	-	-	1	-	-	-	-	-	-	-
techapel North	11434	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
techapel Church H	7323	2	15	1	1	-	-	-	-	2	-	-	-	4	5	13	-
man's Fields	10381	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ate	9149	5	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Mary St George East	17906	12	9	2	2	-	-	-	-	2	-	-	-	-	1	-	-
Paul St. George East	21356	13	7	3	-	-	-	-	-	-	-	-	-	1	1	-	-
John St. George East *W*	8973	5	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
well	11623	4	5	1	2	-	-	1	-	-	-	-	-	-	1	-	-
liff H	15930	7	5	-	1	-	-	-	-	-	-	-	-	-	1	1	-
shouse *W*	30025	18	11	5	-	-	1	2	-	-	-	-	-	-	1	-	-
End Old Town West	38126	23	8	5	1	-	-	1	-	-	-	-	-	1	1	-	-
End Old Town East *WwH*	55020	27	20	8	3	-	1	-	-	1	-	-	-	-	-	4	-
WwwHL†	67777	38	36	4	9	1	1	-	-	1	-	-	-	1	1	13	-
ar *WW*	48500	27	12	4	3	-	-	-	-	-	-	-	1	-	-	-	-
SOUTH DISTRICTS.																	
stchurch Southwark *W*	14547	9	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Saviour Southwark H	15667	5	9	2	1	-	-	-	-	-	-	1	-	-	-	-	-
t-road	20430	7	5	3	1	-	-	-	-	-	-	-	-	1	-	-	-
ough-road *WH*	16694	14	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-
don-road L	18959	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
ity Newington	23673	15	9	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth *W*	48232	34	21	8	6	-	1	-	-	1	-	-	1	-	3	-	-
Mary Newington	16786	9	7	3	3	-	-	-	-	-	-	-	-	-	2	-	-
Olave Southwark H	4157	3	6	1	1	-	-	-	-	-	-	-	-	-	-	4	-
John Horsleydown *W*	10595	3	5	1	1	-	-	-	-	-	-	-	-	2	1	2	-
ther Market	16785	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Mary Magdalen *W*	15707	10	6	2	3	-	-	1	-	-	-	-	-	-	-	2	-
James Bermondsey	47921	37	21	7	5	-	-	1	-	3	-	-	-	-	1	-	-
herhithe *W*	25873	9	8	2	2	-	-	-	-	1	-	1	-	-	-	-	-
erloo-road 1st H	14086	9	11	3	6	-	-	-	1	1	-	-	-	-	2	-	-
erloo-road 2nd H	18453	20	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
beth Church 1st H	19470	7	11	3	1	-	-	-	-	-	-	-	-	-	1	1	7
beth Church 2nd *W*	35831	28	19	6	5	-	-	-	-	-	-	-	-	1	2	4	9
nington 1st *W*	41284	25	15	3	3	-	-	-	-	-	-	-	1	-	-	-	-
nington 2nd	31213	24	7	1	2	1	-	-	-	-	-	-	-	-	-	-	-
ton HL	35431	33	9	5	-	-	-	-	-	-	3	1	-	-	1	4	-
wood *W*	12534	5	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ham HL	27348	20	9	1	-	2	1	1	-	1	-	-	-	-	-	-	-
ersea *W*	53988	34	22	9	3	-	-	-	1	-	-	1	-	-	-	-	-
dsworth HL	19797	9	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
ney	9438	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
atham	14479	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
wich	4041	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
berwell *WL*†*L*†	31251	17	19	3	10	-	-	-	-	-	-	-	-	-	-	5	-
ham *W*	42159	29	19	3	5	-	1	-	-	1	-	-	1	1	1	-	-
George Camberwell	33851	17	13	7	1	-	-	-	-	-	-	-	-	-	2	2	-
Paul Deptford	53696	37	18	4	5	-	-	-	-	-	-	-	-	-	-	-	-
Nicholas Deptford	6487	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
nwich West	21098	8	8	3	3	-	-	-	-	-	-	-	1	-	-	-	-
nwich East *WH*	19320	11	10	2	4	-	-	-	-	-	-	-	-	2	-	3	-
am	4528	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sham Village *W*	16430	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
nham	11508	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
nham	19016	7	8	-	1	1	-	-	-	-	-	-	-	-	-	-	-
rlton H	9503	4	5	1	2	-	-	-	-	1	-	-	-	1	-	-	-
olwich Dockyard	17229	9	9	3	1	-	-	2	-	-	-	1	1	-	-	-	-
olwich Arsenal H	18319	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mstead West	13028	12	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-
mstead East *W*	15290	9	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-

Following are OUTLYING WORKHOUSES (indicated in the Tables by *w*):

St. Geo. Hanover Sq. Workh. is in Chelsea North-west sub-district.
The Strand " " Tottenham-court sub-district.
London City " " Islington East.
Holborn Infirmary " "
London City " " Hackney sub-district.

Holborn Workhouse is in Hoxton New Town sub-district.
London City " " { Mile End Old Town Eastern sub-dist. and Bow sub-district.
Stepney " " Bow sub-district.

† Private Lunatic Asylums in which paupers are received.

TABLE 7.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th DECEMBER, 1872.

[*Under the Superintendence of the Astronomer Royal.*]

1872. MONTH AND DAY.		MOON. Phases of Moon.	BAROMETER. Mean daily reading (corrected and reduced to 32 degr. Fahren heit).	READINGS OF THERMOMETERS. Dry. Highest.	Lowest.	Range in day.	Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer with blackened bulb in vacuo, placed on the Grass.	Lowest on the Grass, as shownby a self-registering Minimum Thermometer.	In the Water of the Thames at Greenwich, by self-registering Thermometers. Highest.	Lowest.	DIFFERENCE Between Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Between mean temperature of the day and mean temperature of the same day on an average of 50 years.*	Degree of Humidity, complete Saturation being represented by 100.	WIND. As deduced from Anemometers. Osler's. General Direction. A.M.	P.M.	Pressure on square foot. Greatest.	Least.	Mean of 24 Obs.	Robinson's. Amount of Horizontal Movement of Air each day.	RAIN. Collected in a Gauge whose receiving surface is 5 in. above the ground.	Ozone.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°								lbs.	lbs.	lbs.	Miles.	Inches	
SUNDAY	22	..	29·719	55·4	43·3	12·1	51·2	49·2	59·0	31·9	41·9	40·0	2·0	8·8	0·0	+12·7	93	WSW. & S. by E.	SW.&SSW.	1·5	0·0	0·2	236	0·07	..
MONDAY	23	Last Qr. In Equator	29·464	53·0	45·1	7·9	48·2	44·6	65·3	43·0	43·1	41·0	3·6	6·0	1·9	+10·1	87	SSW.	SSW.	2·2	0·0	0·5	384	0·00	..
TUESDAY	24	..	29·141	49·8	44·2	5·6	47·1	41·9	61·2	38·2	44·3	42·0	5·2	7·8	2·7	+ 9·3	82	SSW.	SSW.& SW.	3·4	0·0	0·7	367	0·05	..
WEDNESDAY	25	..	29·013	52·7	45·8	6·9	49·9	44·9	69·3	41·2	44·9	43·0	5·0	7·4	2·5	+12·3	83	SW.	SW.	7·3	0·1	1·2	508	0·31	..
THURSDAY	26	..	29·547	53·8	44·2	9·6	48·4	44·4	79·8	37·1	45·2	43·4	4·0	8·0	0·0	+11·0	86	SW.	WSW&SW.	2·7	0·0	0·4	361	0·00	..
FRIDAY	27	..	29·673	50·3	45·0	5·3	47·5	42·2	59·8	38·7	46·2	44·0	5·3	6·9	3·1	+10·2	82	SW.	SW.& SSW.	3·4	0·0	0·8	433	0·00	..
SATURDAY	28	..	29·532	52·7	45·7	7·0	48·5	43·7	82·4	36·2	45·6	44·2	4·8	8·6	1·5	+11·3	83	S. by W.	S.	1·5	0·0	0·4	289	0·00	..
MEANS		..	29·441	52·5	44·8	7·8	48·7	44·4	68·1	38·0	44·5	42·5	4·3	7·6	1·7	+11·0	85	S.W.		..	..	..	Sum 2578	Sum 0·43	..
No. of Columns.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

DATE.		ELECTRICITY.	SKY AND ATMOSPHERE.
DECEMBER.			
SUNDAY	22	Weak positive generally.	Overcast, and rain fell in early morning. Variable amounts of cloud present in the afternoon and evening.
MONDAY	23	Positive with varying tension.	Light clouds prevalent till night; then cloudless. Slight fog. Very fine.
TUESDAY	24	Strong positive till the evening.	Cloudy but fine till the evening. Rain fell between 7h. and 9h. P.M.
WEDNESDAY	25	No electricity shown.	Very variable throughout. Occasional heavy rain, especially between 6h. and 7h. 30m. P.M. Fine at night.
THURSDAY	26	Positive with variable tension.	A very fine day. Light clouds. Cloudless at night.
FRIDAY	27		Cloudy generally till night; then cloudless and fine.
SATURDAY	28	Positive in the morning.	A fine and nearly cloudless day throughout.

NOTES.

The height of the cistern of the barometer is considered to be 159 feet above the mean level of the sea. The readings of the barometer are considered to be coincident with those of the Royal Society's flint glass standard barometer. The observations are taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry thermometer, and the wet thermometer, observed at these times, are converted into mean daily values by the application of corrections deduced by James Glaisher, F.R.S., from five years' observations ending 1845, December 31.—See *Phil. Trans.*, part 1, 1848. The mean daily dew point and degree of humidity are deduced from those mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables, Fourth edition. The results for mean daily temperature of the air, or the numbers exhibited in column 7, include the observations of the dry thermometer, read at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M., as well as the results deduced from the maximum and minimum thermometers, as determined by the self-registering thermometers, the proper corrections being applied to each. The average temperature of the air is that determined by Mr. Glaisher from the thermometrical observations taken at the Royal Observatory, Greenwich, in the 50 years ending 1863, December 31.

*In reading the 17th column it will be borne in mind that + is read "*higher*," and −"*lower*," than the average. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The temperature of the water of the Thames is ascertained by the use of self-registering thermometers, suspended from the side of the "Scorpion" Police Ship, at the depth of about 2 feet below the surface. The readings of these instruments are registered under the superintendence of the resident inspector on board the ship, by permission of Lieut.-Col. Henderson, R.E., C.B., Chief Commissioner of Metropolitan Police.

The reading of the barometer increased from 29·59 in. at the beginning of the week to 29·74 in. by noon on the 22nd; decreased to 28·97 in. by noon on the 25th; increased to 29·72 in.